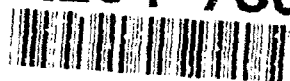


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ANNUAL PROGRESS REPORT

FY-92

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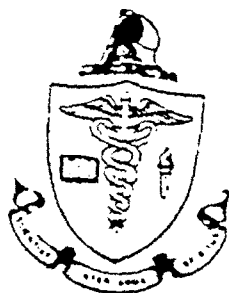
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DEPARTMENT OF CLINICAL INVESTIGATION
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, DC 20307-5001

CLINICAL INVESTIGATION PROGRAM
RCS MED-300(RI)

93 5 19 08 5

93-11238



REPORT DOCUMENTATION PAGE		FORM APPROVED FEB 80 124148	
1. AGENCY USE ONLY			
21 Jan 93		ANNUAL - 1 Oct 91 thru 30 Sep 92	
4. TITLE AND SUBTITLE Clinical Investigation Program RCS MED-300(RI) Department of Clinical Investigation Walter Reed Army Medical Center		5. FUNDING NUMBERS	
6. AUTHOR(S) COL H. Linton Wray, MC Chief, Department of Clinical Investigation		7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Department of Clinical Investigation Walter Reed Army Medical Center Washington, DC 20307-5001	
8. PERFORMING ORGANIZATION REPORT NUMBER RCS MED-300(RI)		9. SPONSORING MONITORING AGENCY NAME(S) AND ADDRESS(ES) U S. Army Health Care Studies and Clinical Investigation Activity Health Services Command Ft. Sam Houston, TX 78234-6060	
10. SPONSORING MONITORING AGENCY REPORT NUMBER		11. SUPPLEMENTARY NOTES The findings in this report are not to be considered as an official Department of the Army position unless so designated by other authorized documents.	
12a. DISTRIBUTION STATEMENT (if applicable)		12b. DISTRIBUTION CODE	
Approved for public release: Distribution unlimited.			
13. ABSTRACT This report identifies approved clinical research activities conducted at Walter Reed Army Medical Center through protocols approved by the Clinical Investigation Committee, the Human Use Committee/Institutional Review Board, and/or the Animal Use Committee, as appropriate. This report includes a Detail Summary Sheet outlining the progress of each protocol during Fiscal Year 92. Also included is a list of all known presentations and publications related to approved studies, as well as those not related to approved clinical investigation protocols. All research was conducted under the provisions of AR 40-38 (Clinical Investigation Program), AR 40-7 (Use of Investigational Drugs in Humans and the Use of Schedule I Controlled Drug Substances), AR 70-25 (Use of Volunteers as Subjects of Research), HSC Reg 40-23 (Management of Clinical Investigations, Protocols, and Reports), and AR 70-18 (The Use of Animals in DOD Programs).			
14. SUBJECT TERMS APR - Annual Progress Report, PI - principal investigator, protocol, study objective, technical approach, prior and current progress, conclusions, status, funding, publications		15. NUMBER OF PAGES 753	
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	

FORWARD

The Annual Progress Report (APR) documents the continuing review during FY-92 of research approved by the Clinical Investigation Committee (CIC), the Animal Use Committee (AUC), and the Human Use Committee/Institutional Review Board (HUC/IRB) of Walter Reed Army Medical Center (WRAMC). The review of each research protocol is initiated by the Department of Clinical Investigation (DCI) on the anniversary month of its approval. At that time, a request is sent to the principal investigator for submission of a progress report. The completed report consists of a detail summary sheet (DSS), a copy of the approved consent form, and a questionnaire regarding the continuing review of human subject participation or animal use. Members of the HUC/IRB or AUC review the progress reports throughout the year, and one of the following recommendations is made: 1) approval, 2) request additional information, or 3) request termination of the protocol. The members' recommendations are presented monthly to the HUC/IRB or AUC for final approval. The approved detail summary sheets of 535 protocols are included in this document.

The FY-92 APR process at WRAMC was administered by the Editorial Office, Research Administration Service, Department of Clinical Investigation, in coordination with the Research Review Service.

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I . UNIT SUMMARY

A. OBJECTIVE

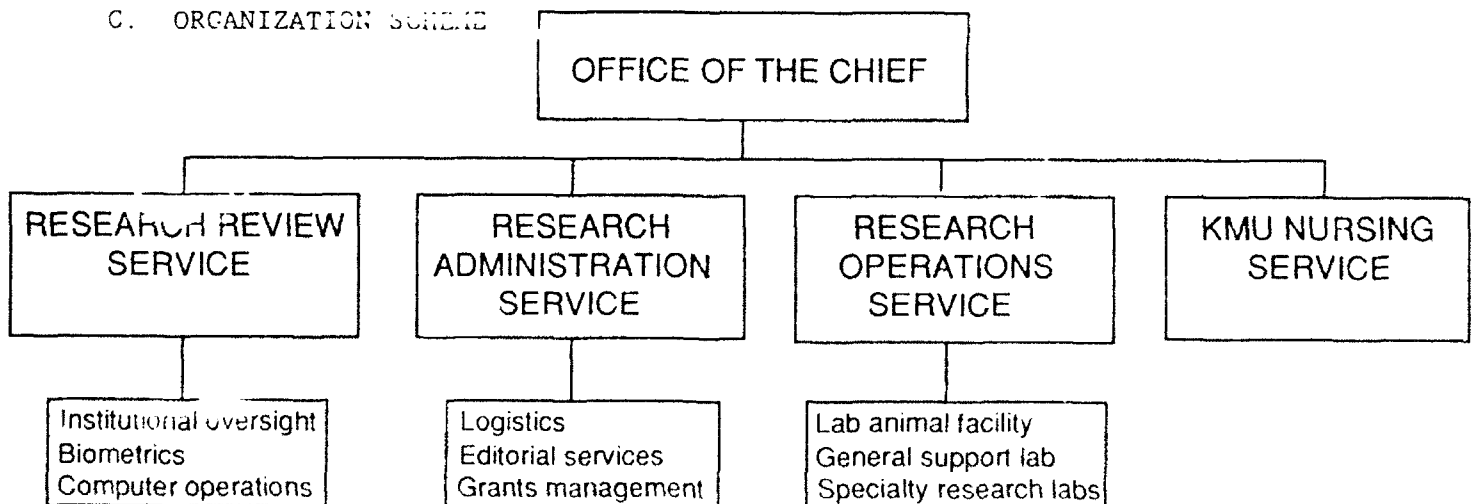
To implement and manage the clinical investigation program at Walter Reed Army Medical Center (WRAMC) by promoting, supporting, coordinating, planning, conducting, and publishing ethical, scientific inquiry into clinical health problems of beneficiaries of the military health care system, to include studies in humans and animals.

B. TECHNICAL APPROACH

The clinical investigation program at WRAMC is conducted in accordance with the following:

AR 40-7	Use of Investigational Drugs in Humans and the Use of Schedule I Controlled Drug Substances
AR 40-38	Clinical Investigation Program
AR 70-18	The Use of Animals in DOD Programs
TB MED 525	Control of Hazards to Health from Ionizing Radiation Used by the Army Medical Department
HSC 40-23	Management of Clinical Investigation Protocols and Reports
WRAMC 70-1	Clinical Investigation Program, WRAMC Research Activities
45 CFR 46	Protection of Human Subjects
21 CFR A,D,& F	Food and Drug Administration

C. ORGANIZATION SCHEME



D. DCI STAFF (Positions as of 30 September 1992)

DESCRIPTION	GRADE	MOS	BRANCH	NAME	ACTIVITY
<u>OFFICE OF THE CHIEF</u>					
Chief	06	61C	MC	Wray, HL	DCI
Secretary	07	0318	GS	Raghunandan, Z	DCI
Medical Officer	15	0602	GM	Popovic, NA	Ortho Rsch
<u>RESEARCH REVIEW SERVICE</u>					
Chief	06	60F	MC	Derderian, SS	DCI
Biostatistician	14	1530	GM	Chang, AS	DCI
Statistician	12	1530	GS	Howard, RS	DCI
Computer Programmer	11	0334	GS	Rose, JG	DCI
Research Coordinator	09	1083	GS	Coleman-Fraser, E	DCI
Editorial Asst	05	1087	GS	Green, IL	DCI
Computer Room Supv	E5	01H10	NC	Gomez, RJ	DCI
<u>RESEARCH ADMINISTRATION SERVICE</u>					
Chief	12	0501	GS	Burton, ME	DCI
Tech Pub Editor	09	1083	GS	Walden, JF	DCI
Editorial Asst	07	1087	GS	Franklin, AD	DCI
Editorial Asst	07	1087	GS	Stacy, PG	DCI
Editorial Asst	06/07	1087	GS	Muchui, MJ	DCI
Supply Technician	06	2005	GS	Thomas, DR	DCI
Clerk Typist	04	0303	GS	Carter, C	DCI

DESCRIPTION	GRADE	MOS	BRANCH	NAME	ACTIVITY
(Research Administration Service cont.)					
Nurse Specialist	12	0610	GS	Abt, MB	Urology
Nurse Specialist	11	0610	GS	Asplund, L	Ortho Resch

Grant Personnel

Nurse Specialist	12	0610	GS	Myers, DV	Urology
Clinical Nurse	12	0610	GS	Jamison, J	Hem/Onc
Secretary	05	0318	GS	Bryson, DD	Hem/Onc
Resch Audiologist	12	0665	GS	Clay, J	AA&SC
Gen Health Sci	12	0601	GS	Summers, WV	AA&SC
Dietitian	13	0630	GM	Mateski, DJ	Polyp Prev
Dietitian	11	0630	GS	Greaser, AM	Polyp Prev
Dietitian	11	0630	GS	Hancock, S	Polyp Prev
Dietitian	11	0630	GS	Miskovsky, VJ	Polyp Prev
Nurse Specialist	11	0610	GS	Slivka, C	Polyp Prev
Med Technologist	09	0644	GS	Terrell, R	Polyp Prev
Secretary	06	0318	GS	Davis, C	Polyp Prev
Nurse Specialist	11	0610	GS	Pangaro, K	Pulmonary
Nurse Specialist	11	0610	GS	Argauer, K	Pulmonary
Nurse Specialist	11	0610	GS	Kushner, G	Pulmonary

ARMY MEDICAL SPECIALIST CORPS CLINICAL INVESTIGATION AND RESEARCH SERVICE

Chief	06	65B9A	SP	Sweeney, JK	DCI
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DESCRIPTION	GRADE	MOS	BRANCH	NAME	ACTIVITY
<u>RESEARCH OPERATIONS SERVICE</u>					
Chief	05	68F	MS	Vacant	DCI
Med Lab NCO	E7	92B40	NC	Sheldon, GM	DCI
Med Technologist	11	0644	GS	Kapur, JJ	DCI
<u>General Support Lab</u>					
Chief	03	68C00	MS	Payne, AM	DCI
Chemist	12	1320	GS	Abdel-Rahim, M	Biochem
Chemist	11	1320	GS	Bednarek, J	DCI
Bio Lab NCO	E6	01H30	NC	Williams, C	DCI
Med Lab NCO	E5	92B20	NC	Dean, A	DCI
Med Lab NCO	E5	92B20	NC	Vacant	Biochem
Med Lab Spec	E4	92B10	NC	Curtner, D	Cell Biology
<u>Animal Support Lab Research</u>					
Bio Lab Tech	10	0404	GS	Bailey, LR	Animal Resch
Bio Lab Tech	09	0404	GS	Jackson, D	Animal Resch
<u>Infectious Disease Research Laboratory</u>					
Microbiologist	12	0403	GS	Dobek, AS	DCI
<u>Kyle Metabolic Research Laboratory</u>					
C, Nutrition Care	03	65C00	SP	Vacant	DCI
Supv Resch Chem	14	1320	GS	Carr, FE	DCI

DESCRIPTION	GRADE	MOS	BRANCH	NAME	ACTIVITY
(Kyle Metabolic Research Laboratory cont.)					
Physiologist	12	0413	GS	Lukes, YD	DCI
Chemist	12	1320	GS	Nicholson, DE	DCI
Chemist	11	1320	GS	Lahiri, S	DCI
Bio Lab Tech	09	0404	GS	Jenkins, EL	DCI
Med Technologist	11	0644	GS	Barnes, SG	DCI
Med Technician	05	0645	GS	Martin, JL	DCI
Editorial Asst	07	1087	GS	Jacobson, A	DCI
Secretary	05	0318	GS	Phuong, U	DCI
Med Lab NCO	E7	92B40	NC	Ansley, R	DCI
Chemist	13	1320	GS	Tseng, YC	DCI
Resch Asst	12	0610	GS	Solomon, BL	DCI
Med Technologist	11	0644	GS	Anderson, JS	DCI
Bio Sci Asst	E5	01H20	NC	Baptiste, V	DCI

Lab Support Unit

Resch Chemist	13	0644	GS	Salata, Kr	Allergy
Chemist	11	1320	GS	Maydonovich, CL	GI
Med Technologist	11	0644	GS	Armstrong, JM	Rheum
Med Technologist	11	0644	GS	Burgess, D	Pediatrics
Cardiorespir Tech	E6	91N30	NC	Vacant	Pulmonary
Med Technologist	11	0644	GS	Berger, TA	Allergy
Microbiologist	12	0403	GS	Billups, L	Flow Cytom
Resh Psychologist	12	0180	GS	Hamm, C	DCI

DESCRIPTION	GRADE	MOS	BRANCH	NAME	ACTIVITY
<u>Kyle Metabolic Unit Nursing Service</u>					
Supv Clin Nurse	12	0610	GS	Parchment, VA	DCI
Clinical Nurse	11	0610	GS	Bicknell, E	DCI
Clinical Nurse	11	0610	GS	Andersen, L	DCI
Clinical Nurse	10	0610	GS	Burman, MS	DCI
Clinical Nurse	11	0610	GS	Coleman, A	DCI
Clinical Nurse	11	0610	GS	Chaudhari, NP	DCI
Clinical Nurse	11	0610	GS	Saxon, NJ	DCI
Clinical Nurse	10	0610	GS	Stewart, MO	DCI
Clinical Nurse	11	0610	GS	Battle, OM	DCI
Clinical Nurse	11	0610	GS	Hicks, E	DCI
Clinical Nurse	9/11	0610	GS	Vacant	DCI
Nurse Asst	05	0620	GS	Keeve, ML	DCI

The Department increased its number of assigned personnel during this year to a record of 78. The Sleep Disorders Respiratory Research Laboratory was given authorization to hire a Research Psychologist to function as the Sleep Lab supervisor. Carolyn Hamm, Ph.D., assumed the position during the second quarter and has worked hard to keep the lab running despite personnel shortages. The 7-year polyp prevention study (NIH grant), now in its second year, headed by LTC James Kikendall, MC, Gastroenterology Service, Department of Medicine, saw continued growth in staffing with the hiring of a clinical nurse and a secretary. This multi-center study is actively enrolling subjects who have undergone colonoscopic removal of adenomas. Subjects are randomized to no intervention or to a low fat, high fiber, high fruit and vegetable diet and extensive counselling. During the summer, the Research Operations Service saw the reassignment of its Chief, LTC Lloyd Lippert, MS, and the Chief, Nutrition Care, Kyle Metabolic Research Laboratory, MAJ Laurie Coffey, SP, separated from the Army. With the Base Realignment and Closure (BRAC) transition, the Department of Clinical Investigation gained five new authorizations to its TDA.

E. DCI FINANCIAL SUPPORT

	FY-88	FY-89	FY-90	FY-91	FY-92
Civilian Personnel	\$1,000,206	\$1,000,402	\$1,500,001	\$1,922,896	\$2,365,661
Consumable Supplies	\$ 708,411	\$ 707,272	\$ 708,572	\$ 650,531	\$ 834,703
Civilian Contracts	\$ 115,000	\$ 88,898	\$ 107,000	\$ 204,385	\$ 123,186
TDY	\$ 28,401	\$ 35,186	\$ 36,102	\$ 31,399	\$ 54,433
Travel (non-federal sources)	---	---	---	---	\$ 22,211
Capital Expense Equipment Program	\$ 32,000	\$ 57,860	\$ 30,932	\$ 77,164	\$ 270,374
MEDCASE	\$ 694,078	\$ 557,178	\$ 572,892	\$1,000,076	\$1,438,216
Other Grants	\$ 254,102	\$ 298,467	\$ 528,140	\$ 500,252	\$ 913,851
Military	\$ 432,504	\$ 429,718	\$ 392,137	\$ 397,960	\$ 402,488
T O T A L	\$3,264,702	\$3,174,981	\$3,875,776	\$4,784,664	\$6,425,123

F. RESEARCH ACTIVITY

1. Accomplished in FY-92

With the mission to empower WRAMC researchers from planning to publication, the Department of Clinical Investigation (DCI) supported a record total of 715 active protocols this year (Table I). Twenty-five percent (180) of these studies were newly approved during the fiscal year, leaving 535 ongoing for at least one year that are summarized in this report. Medical Corps officers at WRAMC were Principal Investigators of 86% of the investigations. Medical Corps activities account for 96% of the investigations, and less than 1% were conducted at Army Community Hospitals in the Walter Reed Health Service Region (Table II). Human studies accounted for 98% of the investigations, with 27% involving research therapies including investigational drugs or devices and cooperative oncology group studies (Table III). Animal studies accounted for 7%, and laboratory studies accounted for 1%. Publication and presentation productivity by WRAMC staff included 94 published abstracts, 264 published articles, and 227 conference presentations (Table IV). There were 31 Clinical Investigation Recognition Seminars (now in its sixth year) presented by WRAMC researchers, providing local dissemination of WRAMC research presented at regional and national conferences.

TABLE I. WRAMC Protocol Activity

PROTOCOLS	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92
ONGOING at the begining of FY	408	456	474	520	552	535
NEWLY APPROVED (+)	170	145	197	172	153	180
TOTAL ACTIVE During FY	578	601	671	692	705	715
COMPLETED (-)	78	114	118	128	164	153
TERMINATED (-)	44	13	33	12	6	11
ONGOING at the end of FY	456	474	520	552	535	551

TABLE II. WRAMC FY-92 Active Investigations by AMEDD Officer Corps

CORPS	GRAD TX PROG		OFFICERS IN TX		ACTIVE STUDIES	
	#	(%)	#	(%)	#	(%)
Medical	55	(77)	434	(89)	684	(96)
Medical Service	9	(13)	27	(6)	10	(1)
Dental	4	(6)	12	(2)	3	(<1)
Medical Specialist	2	(3)	11	(2)	4	(<1)
Nursing	1	(1)	7	(1)	9	(1)
Veterinary	0	(0)	0	(0)	2	(<1)
	71 (100)		491 (100)		712 (100)	
Army Community Hospitals					3	

TABLE III. WRAMC FY-92 Active Investigations by Subject

SUBJECT	ACTIVE STUDIES	
	#	(%)
Human	660	(92)
Invest New Drug	45	(6)
Invest Device	9	(1)
Cooperative Oncology Group	144	(20)
Descriptive - Expedited	179	(25)
Greater Risk	<u>233</u>	<u>(40)</u>
	660	(92)
Animal	50	(7)
Laboratory	5	(1)
	<u>715</u>	<u>(100)</u>

TABLE IV. WRAMC Publications and Presentations

	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92
Published Articles	55	104	157*	276*	285*	369*
Abstracts	86	106	73	67	75	97*
Presentations	55	93	61	106	110	232

* Published Articles related to approved clinical investigations:
FY-89 = 22; FY-90 = 62; FY-91 = 71; FY-92 = 114

+ Abstracts related to approved clinical investigations: FY-92 = 91

With the end of the Gulf War, WRAMC returned to its peacetime missions. The professional staff renewed their efforts in the Clinical Investigation Program, as evidenced by the increase in the number of protocols approved (from 153 in FY-91 to 180 in FY-92). The number of approved protocols during FY-92 was second only to FY-89 when the HIV research program was initiated.

The DCI Strategic Planning process continued and involved all clinical departments and training programs. After consultation with the clinical investigation planners, 25 activities submitted written plans describing their 5-year research needs in terms of personnel, space, and equipment. The space planning progressed for the renovation of the animal facility and the construction of the Base Realignment and Closure (BRAC) Building that will house the administrative offices of DCI.

The first Army Medical Corps officer trained as a fellow in Clinical Investigation completed the 1-year program in September 1992. Highlights of this curriculum were presented at the 4th Annual AMEDD Clinical Investigation Postgraduate Short Course in April 1992. Under the auspices of the WRAMC Professional Education and Training Committee, the Department, with input from directors of the graduate medical education programs, developed a 15-hour research course targeted at new investigators. The first of five 3-hour sessions was given in September, and the remainder will be completed in October 1992.

The prestigious Bailey K. Ashford Clinical Research Award is bestowed annually on a member of the year's graduating class whose research accomplishments excelled during training. Ten graduating trainees, representing nine training programs, were nominated for the 1992 award. A selection committee named one semi-finalist and five finalists. The finalists presented their results at a symposium sponsored by the Department of Clinical Investigation. The 1992 finalists were: CPT Michael A. Carome, MC, Fellow, Nephrology Service, Department of Medicine, "Tissue Inhibitor of Metalloproteinase-1 (TIMP-1) and TIMP-2 mRNAs: Detection and Quantitation in Isolated Whole Human Glomeruli by RT-PCR"; MAJ Timothy C. Landes, MC, Fellow, Gastroenterology Service, Department of Medicine, "Utility of Salivary Antibody to Helicobacter Pylori in Determining Eradication Following Treatment: A Prospective Long-Term Study"; CPT Francis J. Landry, Fellow, General Internal Medicine, Department of Medicine, "Outcome of Cardiopulmonary Resuscitation in the Intensive Care Setting"; LTC Charles F. Longer, MC, Fellow, Infectious Disease Service, Department of Medicine, "Hepatitis E Virus - A Newly Recognized Infection with Military Significance"; and MAJ Alan J. Magill, MC, Fellow, Infectious Disease Service, Department of Medicine, "Viscerotropic Leishmaniasis in Soldiers Returning from Desert Storm." Recipient of the 1992 Bailey K. Ashford Clinical Research Award, CPT Michael A. Carome, was announced at graduation in June.

The Research Review Service continued to be busy with an ever-increasing number of protocols requesting extramural support in the form of gifts and grants. This required the development of a system to track the progress of approval of these studies outside of WRAMC. The Service also

instituted new guidelines and a tracking system for the emergency use of investigational new drugs. The Biostatistical and Computer Support Sections had a 34% increase in the number of consults and continued to expand education programs directed at training researchers in the areas of statistics and the use of computer graphics. A high priority during the fiscal year was the completion and submission of the MEDCASE request for the DCI network upgrade.

The Research Administration Service provided support for the Department and all WRAMC investigators, managing intra- and extramural monies totalling over \$6,400,000. Of this total, over \$1,400,000 was received by the Department in MEDCASE funds. Extramural funding continued to expand and includes support from the National Institutes of Health and the U.S. Army Medical Research and Development Command, as well as gifts and grants. The Editorial Office continued to improve its services, providing comprehensive support to investigators/authors in composing research protocols and manuscripts. The compilation of the Annual Progress Report has been fine-tuned to where annual reports are submitted within 30 days of request or the protocol is administratively reviewed and terminated. Additionally, the Editorial Office wrote a "Clinical Investigator's Guide," explaining the research review process and research resources at WRAMC and providing checklists, formats, and guidelines. To assist Principal Investigators further, a program was initiated whereby the routine forms and instructions required to compile a protocol are available to researchers on a user-friendly floppy disk.

During 1992, the Research Operations Service continued expansion of the services available in the core laboratories. With the installation of a cage washing system and the hiring of a new employee in the research animal facility, the facility now can support protocols requiring the use of rabbits. The core support laboratories implemented a chemical tracking system for the monitoring of hazardous materials used in the facilities. Rheumatology Service greatly expanded its use of research laboratory resources.

After adjusting to its new locations on Ward 75, the Kyle Metabolic Unit Nursing Service was able to support an average bed occupancy of 88% for its 16-bed ward. This was the highest occupancy rate in more than 10 years. The Kyle Metabolic Unit dietitian, MAJ Lauri M. Coffey, left the Army in June 1992, and the position remained unfilled for the rest of the fiscal year.

As in years past, Principal Investigators conducting research under the Clinical Investigation Program at WRAMC continued to receive national recognition during FY-92 for their outstanding research. The Journal of Speech and Hearing Research Editor's Award was bestowed on Brian E. Walden, Ph.D., Director of Research, Army Audiology and Speech Center, Department of Surgery, for his paper, "Visual Biasing of Normal and Impaired Auditory Speech Perception." The selection was made by the Editor and Associate Editors as the best from over 200 articles published during 1990. The award was made at the Annual Convention of the American Speech-Language-Hearing Association, Atlanta, GA, in November 1991.

Maj John Gilliland, MC, USAF, Reproductive Endocrinology, Department of Obstetrics and Gynecology, received the Founder's Award (first place) for his paper, "Atrial Natriuretic Peptide Receptors in Human Endometrial Stromal Cells." The paper was presented at the Armed Forces District Meeting of the American College of Obstetrics and Gynecology, Cincinnati, OH, in October 1991. With this recognition, his paper was entered into the "Annual Competition for Outstanding Papers Presented at District Meetings," The American College of Obstetricians and Gynecologists 40th Annual Clinical Meeting, in April 1992 and was awarded first prize.

The Annual Melvin Cheitlin Award for best fellow paper was presented to MAJ Andrew Carter, MC, Cardiology Service, Department of Medicine, for his paper entitled "Characterization of the Coronary Vascular Response to Injury Early After Balloon Angioplasty in a Porcine Model." Dr. Carter presented his paper at the Cardiology Subspecialty Session of the Army ACP Meeting in San Francisco, CA, in October 1991.

The William Beaumont Clinical Research Award was bestowed on MAJ Joseph R. Murphy, MC, Gastroenterology Service, Department of Medicine, at the 19th Annual William Beaumont Symposium, San Francisco, CA, in October 1991. The award recognizes Dr. Murphy's excellent research achievements during his GI fellowship. One paper has been published as a result of this research, "Prolonged Clearance is the Primary Abnormal Reflux Parameter in Patients with Progressive Systemic Sclerosis and Reflux Esophagitis," Digestive Disease Science 1992;37(6):833-41; and another, "Risk of Colonic Neoplasia in Acromegaly," has been submitted to the Gastroenterology.

For her work, "The Effect of Acute and Chronic Administration of Diltiazem on Pulmonary Gas Exchange and Oxygen Delivery in Severe COPD," CPT Lisa Moores, MC, Pulmonary and Critical Care Medicine Service, Department of Medicine, received the ACP Associates Award. Her presentation was made at the October 1991 Annual Army Scientific/American College of Physicians Meeting in San Francisco, CA.

2. Planned for FY-93

After a very busy year, with the largest number of active protocols and the highest level of funding, DCI hopes to continue this degree of activity in support of the record number (491) of graduate trainees at Walter Reed, to include 434 physicians. Areas of particular interest for the upcoming year will include the following.

a. The WRAMC Research Course will be completed and evaluated, and plans will be made for another course in the Fall of 1993.

b. DCI will continue Strategic Planning tasks and will complete its manpower survey, documenting and justifying identified research needs at WRAMC.

c. DCI will encourage extramural funding through all available sources and will endeavor to work closely with the Henry M. Jackson

Foundation for the Advancement of Military Medicine and the U.S. Army Medical Research and Development Command, as well as other research funding organizations. DCI will work to improve the time required for approval of extramural funding, which at present seems to be a major stumbling block to increasing this funding at WRAMC.

d. DCI hopes to increase the efficiency of research conducted at Walter Reed by a continuing emphasis on the expansion of the Editorial Office support and better utilization of the computer facilities.

3. Ongoing and Future Issues

The future role of Clinical Investigation depends critically on WRAMC's role in the Military Health Services System. Although some institutions may decrease their activities, it appears that WRAMC will maintain or increase its current patient care, training, and research activities. The major ongoing and future issue for DCI is funding of the WRAMC Clinical Investigation Program in this new environment.

TABLE V: Human Use Committee/Institutional Review Board Members

Thomas A. Klein, COL MC	Chairman Chief, Dept of Obstetrics & Gynecology Representing Deputy Commander
Sarkis Derderian, LTC MC	Acting Co-Chairman Assistant Chief, DCI
Darrel Bjornson, LTC MS	OIC, Hematology-Oncology Pharmacy Representing Chief, Pharmacy Service
Sanford Dresin, COL CH	Chief, Dept of Ministry and Pastoral Care
Jack Farrell, Ph.D.*+	Chief, Psychology Section U.S. Soldiers' & Airmens' Home
Eric Marks, M.D.*	Associate Professor Dept of Medicine, USUHS
Laurel Meaney, DAC	Patients' Rights Representative, WRAMC
Scott Murdoch, J.D.	Chief, Claims Office Representing Center Judge Advocate
Richard Patterson, LTC SP	Chief, Education and Research Nutrition Care Directorate Representing Ch, Nutrition Care Dir
Jean Reeder, LTC AN	Chief, Nursing Research Service Representing Chief, Dept of Nursing
Stephen Sihelnik, LTC MC	Staff, Urology Service Representing Chief, DCI
Robert Smallridge, COL MC*	Chief, Dept of Clinical Physiology Division of Medicine, WRAIR Representing Director, WRAIR

*Non-affiliated

TABLE VI: Clinical Investigation Committee Members

Sarkis Derderian, LTC MC	Acting Chairman Assistant Chief, DCI
Stephen Sihelnik, LTC MC	Acting Co-Chairman Staff, Urology Service, Dept of Surgery
Jay Anderson, COL MC	Chief, Nuclear Medicine Representing Radiation Control Comm
Audrey Chang, Ph.D.	Senior Biostatistician, DCI
Jack Moore, COL MC	Chief, Nephrology Service Representing Chief, Dept of Medicine
Scott Murdoch, J.D.	Chief, Claims Office Representing Center Judge Advocate
Jean Reeder, LTC AN	Chief, Nursing Research Service
Jane Sweeney, COL SP	Chief, AMSC Research
Charles Yowler, LTC MC	Chief, Surgical Research Representing Chief, Dept of Surgery

TABLE VII: Rotating Senior Investigators, Clinical Investigation Committee

Majorie Leek, Ph.D.	Army Audiology & Speech Center
Bahman Jabbari, COL MC	Neurology Service
Terry Schultz, COL MC	Department of Psychiatry
Steven Shay, COL MC	Gastroenterology Service
Gary Carpenter, COL MC	Allergy-Immunology Service
Thomas Wiswell, LTC MC	Department of Pediatrics

TABLE VIII: Animal Use Committee/Clinical Investigation
Committee Members

Judith Davis, MAJ VC	Attending Veterinarian Chief, Animal Resource Department, Div of Veterinary Medicine, WRAIR
Lloyd Lippert, LTC MS	Ch, Research Operations Service Dept of Clinical Investigation, WRAMC
Hernando Mena, LTC MC*	Asst Chairman, Dept of Neuropathology Armed Forces Institute of Pathology
Ted Hadfield, MAJ BSC*	Armed Forces Institute of Pathology

*Non-affiliated

TABLE IX: HIV Research/Clinical Investigation Committee Members

Charles Oster, COL MC	Chief, Infectious Disease Service Representing Program Director, HIV Research, Jackson Foundation
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EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
ALLERGY-IMMUNOLOGY SERVICE				
	1400-88	2,658	0	2,658
	3221	21,527	0	21,527
	3339	3,794	253	4,047
	3340	7,478	0	7,478
	3343	737	0	737
	3344	5	0	5
	3345	330	0	330
	3346	1,541	97	1,638
	3347	40	0	40
	3349	2,763	0	2,763
	3350	40	8	48
	3351	271	60	331
	3352	1,439	918	2,357
	3353	530	0	530
	3354	3,344	1,059	4,403
	3355	205	450	655
	3357	3,533	9,911	13,444
	3358	2,097	4,265	6,362
	3359	0	834	834
	3360	0	632	632
	3363	0	64	64
	3364	0	3,509	3,509
	3365	0	11,276	11,276
	3366	0	4,027	4,027
	4811	0	6,611	6,611
	4812	0	2,623	2,623
	9272	35,445	171	35,616
	TOTAL	87,777	46,768	134,545
DEPARTMENT OF CLINICAL INVESTIGATION				
	2584	2,858	2,161	5,019
	6276	0	1,294	1,294
	9265	1,446	0	1,446
	9271	13,141	0	13,141
	9275	16,791	0	16,791
	9280	2,535	0	2,535
	9281	2,253	1,026	3,279
	9283	0	341	341
	9284	0	1,900	1,900
	TOTAL	39,024	6,722	45,746
HIV RESEARCH				
	8802	996	0	996
	TOTAL	996	0	996

* Protocol is not listed if total expense is zero.

EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
DEPARTMENT OF MEDICINE				
Cardiology Service				
	1264	0	517	517
	1266	0	1,321	1,321
	1268	0	2,236	2,236
	1269	0	5,091	5,091
	TOTAL	0	9,165	9,165
DEPARTMENT OF MEDICINE				
Dermatology Service				
	1805	217,394	0	217,394
	1815	0	1,100	1,100
	TOTAL	217,394	1,100	218,494
DEPARTMENT OF MEDICINE				
Endocrine-Metabolic Service				
	1300-88	2,755	0	2,755
	1302-88	15,376	0	15,376
	1311-88	0	658	658
	1312-89	737	0	737
	1313-89	11,346	0	11,346
	1316-89	5,006	0	5,006
	1320-90	3,304	3,940	7,244
	1321-90	12,689	114	12,803
	1322-90	427	1,050	1,477
	1328-90	0	45,637	45,637
	1329-90	0	236	236
	1331-91	0	3,221	3,221
	1333-91	0	17,635	17,635
	1334-91	0	1,043	1,043
	1335-91	0	28,343	28,343
	1351-84	538	513	1,051
	1356-84	4,352	0	4,352
	1359-85	50,128	1,598	51,726
	1361-85	80,475	0	80,475
	1369-86	4,353	0	4,353
	1371-86	10,705	698	11,403
	1372-86	64,255	4,136	68,391
	1376-86	18,811	0	18,811
	1385-87	62,556	2,938	65,494
	1386-87	3,979	0	3,979
	1389-87	13,020	232	13,252
	1390-87	81,905	58,691	140,596
	1391-87	814	0	814
	1393-87	142,503	1,998	144,501
	1394-87	20,867	0	20,867
	1395-87	144,669	37,691	182,360

* Protocol is not listed if total expense is zero.

EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
DEPARTMENT OF MEDICINE				
Endocrine-Metabolic Service (continued)				
	1399-87	90,498	12,352	102,850
	4299	13,443	575	14,018
	4300	9,013	900	9,913
	9266	23,963	0	23,963
	TOTAL	892,487	224,199	1,116,686
DEPARTMENT OF MEDICINE				
Gastroenterology Service				
	1401	5,879	718	6,597
	1404	100	0	100
	1406	8,073	2,394	10,467
	1409	1,307	0	1,307
	1411	1,510	0	1,510
	1413	34,319	0	34,319
	1414	27,722	815	28,537
	1416	1,484	424	1,908
	1417	3,602	16,412	20,014
	1419	0	350	350
	1450	13,484	2,617	16,101
	1462	3,141	351	3,492
	1483	2,340	0	2,340
	1487	1,158	0	1,158
	1489	1,328	1,033	2,361
	1495	4,160	0	4,160
	1496	525	0	525
	1497	1,250	0	1,250
	2031	602	3,293	3,895
	TOTAL	111,984	28,407	140,391
DEPARTMENT OF MEDICINE				
Hematology-Oncology Service				
	1639-86	445	3,678	4,123
	1657-88	13,650	0	13,650
	1673	5,469	0	5,469
	TOTAL	19,564	3,678	23,242
DEPARTMENT OF MEDICINE				
Infectious Disease Service				
	1956	7,236	0	7,236
	TOTAL	7,236	0	7,236
DEPARTMENT OF MEDICINE				
Nephrology Service				
	1152	1,332	0	1,332
	1156	1,131	0	1,131
	1157	7,796	0	7,796
	1158	1,463	0	1,463

* Protocol is not listed if total expense is zero.

EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
DEPARTMENT OF MEDICINE				
Nephrology Service (continued)				
	1160	17,731	0	17,731
	1161	0	3,530	3,530
	1162	0	8,598	8,598
	1163	0	3,485	3,485
	1164	0	16,810	16,810
	1165	0	2,587	2,587
	TOTAL	29,453	35,010	64,463
DEPARTMENT OF MEDICINE				
Pulmonary Disease Service				
	1707	11,267	520	11,787
	1714	220	0	220
	1717	1,090	0	1,090
	1720	30,192	0	30,192
	1724	1,979	3,079	5,058
	1732	5,187	328	5,515
	1742	0	750	750
	1743	0	660	660
	1747	0	3,003	3,003
	1748	0	663	663
	1971	4,308	0	4,308
	TOTAL	54,243	9,003	63,246
DEPARTMENT OF MEDICINE				
Rheumatology Service				
	3220R	21,244	3,775	25,019
	3703	723	0	723
	3707	2,329	9,315	11,644
	TOTAL	24,296	13,090	37,386
NEUROLOGY SERVICE				
	7142	295	0	295
	7147	0	1,744	1,744
	9200	6,875	0	6,875
	TOTAL	7,170	1,744	8,914
DEPARTMENT OF NURSING				
Nursing Research Service				
	7525	0	29	29
	TOTAL	0	29	29
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY				
	4243	50	0	50
	4279	908	218	1,126
	TOTAL	958	218	1,176
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY				
Gynecologic Oncology Group				
	4265	238	0	238
	TOTAL	238	0	238

* Protocol is not listed if total expense is zero.

EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
DEPARTMENT OF PEDIATRICS				
	6059	3,031	0	3,031
	6064	9,154	9,531	18,685
	6215	8,545	0	8,545
	6245	1,878	0	1,878
	6256	67	1,241	1,308
	6257	8,681	10,898	19,579
	6258	0	1,667	1,667
	6274	0	165	165
	6277	0	232	232
	6291	0	7,615	7,615
	6295	0	16,392	16,392
	6298	0	400	400
	6299	0	3,482	3,482
	TOTAL	31,356	51,623	82,979
DEPARTMENT OF PEDIATRICS				
Pediatric Hematology-Oncology Service				
	6213	11,961	315	12,276
	TOTAL	11,961	315	12,276
PHYSICAL MEDICINE AND REHABILITATION SERVICE				
	9612	0	2,058	2,058
	TOTAL	0	2,058	2,058
DEPARTMENT OF PSYCHIATRY				
	1326-90	34	0	34
	7245	0	163	163
	7246	0	7,854	7,854
	TOTAL	34	8,017	8,051
DEPARTMENT OF RADIOLOGY				
	4538	0	500	500
	TOTAL	0	500	500
DEPARTMENT OF SURGERY				
Army Audiology and Speech Center				
	2504	1,119	0	1,119
	2505	168	420	588
	2511	0	5,350	5,350
	2538	3,905	126	4,031
	2590	5,005	1,555	6,560
	2591	2,139	676	2,785
	2594	6,220	0	6,220
	2598	1,995	0	1,995
	TOTAL	20,551	8,097	28,648
DEPARTMENT OF SURGERY				
Critical Care Medicine Service				
	3008	4,608	963	5,571
	TOTAL	4,608	963	5,571

* Protocol is not listed if total expense is zero.

EXPENSES FOR PROTOCOLS OF CURRENT AND PREVIOUS FISCAL YEARS,
BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

DEPARTMENT/ SERVICE	PROTOCOL NUMBER*	PRIOR FY's (\$)	CURRENT FY (\$)	TOTAL (\$)
DEPARTMENT OF SURGERY				
General Surgery Service				
	2037	1,365	0	1,365
	2058	0	795	795
	TOTAL	1,365	795	2,160
DEPARTMENT OF SURGERY				
Ophthalmology Service				
	2319	3,969	5,946	9,915
	TOTAL	3,969	5,946	9,915
DEPARTMENT OF SURGERY				
Organ Transplant Service				
	2630	362	0	362
	2631	2,195	195	2,390
	TOTAL	2,557	195	2,752
DEPARTMENT OF SURGERY				
Orthopaedic Surgery Service				
	2401	0	962	962
	2410	8,439	0	8,439
	2414	196	0	196
	2421	0	799	799
	2424	0	962	962
	2427	0	278	278
	2429	0	819	819
	2431	0	902	902
	TOTAL	8,635	4,722	13,357
DEPARTMENT OF SURGERY				
Otolaryngology-Head & Neck Surgery Svc				
	2048	15,076	0	15,076
	2501	5,874	0	5,874
	TOTAL	20,950	0	20,950
DEPARTMENT OF SURGERY				
Plastic Surgery Service				
	2909	1,042	0	1,042
	TOTAL	1,042	0	1,042
DEPARTMENT OF SURGERY				
Urology Service				
	2860	0	482	482
	2862	5,109	8,780	13,889
	2864	500	0	500
	2867	0	1,517	1,517
	TOTAL	5,609	10,779	16,388
VETERINARY SERVICE				
	9801	298	0	298
	TOTAL	298	0	298

* Protocol is not listed if total expense is zero.

A D D E N D U M

EXPENSES FOR PROTOCOLS APPROVED DURING FY-92 FIRST ANNUAL PROGRESS REPORT TO BE SUBMITTED IN FY-93 BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

<u>DEPARTMENT/ SERVICE</u>	<u>PROTOCOL NUMBER*</u>	<u>PRIOR FY's (\$)</u>	<u>CURRENT FY (\$)</u>	<u>TOTAL (\$)</u>
ALLERGY-IMMUNOLOGY SERVICE				
	3367	0	2,573	2,573
	TOTAL	0	2,573	2,573
DEPARTMENT OF CLINICAL INVESTIGATION				
	9285	0	1,394	1,394
	9286	0	1,738	1,738
	TOTAL	0	3,132	3,132
DEPARTMENT OF MEDICINE				
Endocrine-Metabolic Service				
	1336	0	6,758	6,758
	1337	0	264	264
	1339	0	837	837
	1342	0	1,304	1,304
	TOTAL	0	9,163	9,163
DEPARTMENT OF MEDICINE				
Gastroenterology Service				
	1423	0	4,718	4,718
	TOTAL	0	4,718	4,718
DEPARTMENT OF MEDICINE				
Hematology-Oncology Service				
	1681	0	2,705	2,705
	TOTAL	0	2,705	2,705
DEPARTMENT OF MEDICINE				
Nephrology Service				
	1166	0	4,582	4,582
	1167	0	4,324	4,324
	1168	0	5,593	5,593
		0	14,499	14,499
DEPARTMENT OF MEDICINE				
Pulmonary Disease Service				
	1754	0	4,981	4,981
	TOTAL	0	4,981	4,981
DEPARTMENT OF MEDICINE				
Rheumatology Service				
	3709	0	25,923	25,923
	3710	0	12,383	12,383
	3711	0	26,334	26,334
	3712	0	27,429	27,429
	3714	0	1,271	1,271
	TOTAL	0	93,340	93,340

* Protocol is not listed if total expense is zero.

A D D E N D U M

EXPENSES FOR PROTOCOLS APPROVED DURING FY-92 FIRST ANNUAL PROGRESS REPORT TO BE SUBMITTED IN FY-93 BY DEPARTMENT AND SERVICE, LISTED IN ALPHABETICAL ORDER

<u>DEPARTMENT/ SERVICE</u>	<u>PROTOCOL NUMBER</u>	<u>PRIOR FY's (\$)</u>	<u>CURRENT FY (\$)</u>	<u>TOTAL (\$)</u>
DEPARTMENT OF PEDIATRICS				
	6300	0	23,003	23,003
	6307	0	2,371	2,371
	6308	0	3,226	3,226
	6313	0	6,024	6,024
	6321	0	2,209	2,209
	6327	0	5,115	5,115
	TOTAL	0	41,948	41,948
DEPARTMENT OF SURGERY				
Army Audiology and Speech Center				
	2515	0	910	910
	2516	0	80	80
	2521	0	997	997
	TOTAL	0	1,987	1,987
DEPARTMENT OF SURGERY				
Orthopaedic Surgery Service				
	2435	0	5,959	5,959
	TOTAL	0	5,959	5,959

* Protocol is not listed if total expense is zero.

PROTOCOL NUMBER, PRINCIPAL INVESTIGATOR, TITLE, AND APPROVAL DATE
BY DEPARTMENT AND SERVICE

PROTOCOL NUMBER	PRINCIPAL INVESTIGATOR, TITLE, AND APPROVAL DATE	PAGE* (VOL II)
ALLERGY-IMMUNOLOGY SERVICE		
1400-88	Engler, Renata LTC(P) MC. A Pilot Study Evaluating Intestinal and Serum Immunoglobulin Levels in Patients with Acquired Hypogammaglobulinemia and Recurrent/Chronic Diarrhea of Undefined Etiology (2/88)	1
3221	Engler, Renata MAJ MC. The Role of IgG Subclasses in Hymenoptera Hypersensitivity and Immunotherapy (8/84)	2
3336	Engler, Renata LTC(P), MC. The Effect of Human Breast Milk Cell Supernatants on In Vitro Immunoglobulin Secretion (11/87)	3
3339	Squire, Edward LTC MC. Comparison of House Dust Mite Educational Programs on Selected Outcome Variables (7/88)	4
3340	Salata, Kalman PhD. Analysis of Carbohydrate Epitopes on Food Allergen Proteins: A Pilot Study (8/88)	5
3341	Squire, Edward LTC MC. Occurrence of Laryngeal Dysfunction Among Patients Initially Diagnosed as Having Bronchial Asthma (8/88)	6
3343	Salata, Kalman PhD. Standardized Vs. Nonstandardized Allergen Products Containing Dust Mite Antigens (10/88)	7
3344	Carpenter, Gary COL MC. The Effect of UVB (Ultraviolet-B) Light on Immediate, Late and Delayed Hypersensitivity (12/88)	8
3345	Salata, Kalman PhD. Cross Allergenicity of Pollen Allergens from American Linden and European Linden (6/89)	9
3346	Salata, Kalman PhD. Comparison of Three Methods of Assessing Induction of Mitogen and Allergen Specific Lymphocyte Proliferation (6/89)	10
3347	Salata, Kalman PhD. A Simple Prick Puncture End Point Titration Procedure to Evaluate the Safety of Switching from Nonstandardized to Standardized Allergen Extracts for Use in Immunotherapy (8/89)	11
3348	Engler, Renata LTC(P) MC. Immunotherapy Reactions (11/89)	12

* Reference is to page number(s) in Volume II.

PROTOCOL NUMBER, PRINCIPAL INVESTIGATOR, TITLE, AND APPROVAL DATE
BY DEPARTMENT AND SERVICE

PROTOCOL NUMBER	PRINCIPAL INVESTIGATOR, TITLE, AND APPROVAL DATE	PAGE* (VOL II)
ALLERGY-IMMUNOLOGY SERVICE (continued)		
3349	Salata, Kalman PhD. Mitogen-Inducible T Suppressor Cell Assay by Flow Cytometry (12/89)	13
3350	Salata, Kalman PhD. Flow Cytometric Analysis of Natural Killer Cell Activity and Antibody-Dependent Cell-Mediated Cytotoxicity (1/90)	14
3351	Salata, Kalman PhD. In Vitro House Dust Mite Allergy Assays: Comparison of a Monoclonal Antibody/Allergen Capture Method with a Fluorescent Allergosorbant Test (1/90)	15
3352	Squire, Edward LTC MC. Use of Steroid Sparing Agents Among Asthmatics Doing Poorly on Corticosteroids: A Pilot Study (1/90)	16
3353	Salata, Kalman PhD. Contrasuppressor Cells in Allergy Immunotherapy (3/90)	17
3354	Salata, Kalman PhD. Two Way Mixed Lymphocyte Culture: Analysis by Two Color Flow Cytometry (4/90)	18
3355	Salata, Kalman PhD. Effect of Methotrexate on Expression of Intercellular Adhesion Molecule I in Interleukin-1 Stimulated Cultured Human Cells (5/90)	19
3356	Davis, William CPT MC. High Dose Intravenous Immunoglobulin in the Treatment of Chronic Inflammatory Demyelinating Polyneuropathy (8/90)	20
3357	McCormack, Emma MAJ MC. Serum and Secretory Immune Status of Patients with Chronic Sinusitis and Normals (9/90)	21
3358	Salata, Kalman PhD. Plasma Level of Mast Cell Tryptase in Patients Undergoing Immunodiagnostic or Immunotherapy Procedures who Experience Adverse Reactions (9/90)	22
3359	Salata, Kalman PhD. Leukotriene B4 Receptor Downregulation: Flow Cytometry Analysis (11/90)	23
3360	Salata, Kalman PhD. 3,3'-Diocetadecyloxacarbocyanine (DiO) Induced Immunosuppression: Inhibition of Mitogen, Antigen and Alloantigen Stimulated CD69 Expression (11/90)	24

* Reference is to page number(s) in Volume II.

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ALLERGY-IMMUNOLOGY SERVICE (continued)		
3361	Polly, Shirley MAJ MC. Pneumococcal Polysaccharide Vaccine: Adverse Reactions to Immunization (12/90)	25
3362	Salata, Kalman PhD. Immunologic Evaluation of Acute and Persistent Ectopic Gestation: A Collaborative Project with Portsmouth Naval Hospital (1/91)	26
3363	Salata, Kalman PhD. Stability of Cat and House Dust Mite Allergens in Allergy Immunotherapy Preparations (4/91)	27
3364	Salata, Kalman PhD. Effect of N-(Fluorenyl-9-methoxycarbonyl)-L-Leucine (FMOC-LEU) on Neutrophil Activation (5/91)	28
3365	Davis, William CPT MC. Leucocyte Subset Analysis in Patients Treated with Intravenous Immunoglobulin (IVIG) (7/91)	29
3366	Salata, Kalman PhD. Bird Antigen Detection in the Home and IgG and IgG Subclass Titers in Healthy Bird Owners Versus Those With Hypersensitivity Pneumonitis (8/91)	30
4811	Holmes, Kirby Capt BSC. Documentation of Irradiated Lymphocyte Inactivation Using the CD69 Surface Marker and Flow Cytometry (9/91)	31
4812	Bennett, Charles CPT MS. Quantitation of Red Cell Phenotypes in a Dual Population by Flow Cytometry (9/91)	32
9272	Lippert, Lloyd LTC MC. Relationship of Major Histocompatibility Complex Class II Genes to Inhibitor Antibody Formation in Hemophilia A (9/88)	33
DEPARTMENT OF CLINICAL INVESTIGATION		
2584	Derderian, Sarkis LTC MC. Evaluation of Patients with Obstructive Sleep Apnea Syndrome Following Uvulopalatopharyngoplasty (2/88)	34
4801	Lippert, Lloyd LTC MS. Fibrinogen Concentration in Two Methods of Cryoprecipitate Preparation (9/88)	35

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DEPARTMENT OF CLINICAL INVESTIGATION (continued)

4804	Lippert, Lloyd LTC MS. Antigen Typing Reticulocytes in Mixed Red Blood Cell Populations by Flow Cytometry (10/89)	36
6276	Lippert, Lloyd LTC MS. In Vivo Persistence of Reticulocyte and Antigen Phenotype in Post-Transfusion Patients Analyzed by Flow Cytometry (11/90)	37
9263	Derderian, Sarkis LTC MC. Neurohumoral Regulation of Ventilation in Patients with Elevated Adrenocorticotrophic Hormone (ACTH) and Beta Endorphins (BE) (10/85)	38
9271	Derderian, Sarkis LTC MC. The Ventilatory Response to Carbon Dioxide in Compensated Hepatic Cirrhosis (9/87)	39
9275	Schaudies, Paul CPT MS. Quantitation and Characterization of EGF Levels in Rat Milk (10/88)	40
9280	Derderian, Sarkis LTC MC. Sleep and Respiratory Control in Kyphoscoliosis (2/90)	41
9281	Lippert, Lloyd LTC MS. Relationship of Aryl Hydrocarbon Hydroxylase Activity to V-Beta T Cell Receptor Phenotype in Inbred Mouse Strains: A Model for Cancer Risk (5/90)	42
9282	Coffey, Lauri MAJ SP. Nutrition Knowledge, Dietary Habits, Human Performance and HDL Ratios of Special Forces Soldiers (12/90)	43
9283	Culpepper, William DAC. Circadian Function in Patients with Sleep Apnea: A Pilot Study (3/91)	44
9284	Dobek, Arthur PhD. Comparison of the Hela Cell Monolayer Vs. the Toxi-titer System for Their Respective Ability to Detect Clostridium Difficile Toxin B in Stool Filtrate (4/91)	45

DEPTAL CLINIC

9410	White, Ann CPT MC. Comparison of the Bacterial Flora in Pericoronitis in HIV-Infected Patients and Non-HIV-Infected Patients (12/90)	46
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DENTAL CLINIC (continued)		
9411	Patterson, Adrian LTC DC. Evaluation of Collagen Plugs to Prevent Localized Osteitis in the Sockets of Mandibular Third Molars Susceptible to Acute Pericoronitis (1/91)	47
9412	Bradford, Brant LTC DC. Comparison of Presurgical and Postsurgical Condylar Measurements as a Function of Orthognathic Surgical Fixation Technique (3/91)	48
FORT DIX, NEW JERSEY		
9088	O'Connor, Francis CPT MC. Prevention of Low Back Pain in Military Basic Trainees (3/91)	49
HIV RESEARCH		
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Mayers D: The clinical and epidemiological significance of antiretroviral drug resistance. Army-wide HIV Meeting, Fitzsimons Army Medical Center, Aurora, CO, June, 1992. [8818]	Pr
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Newby J: Army-wide HIV/AIDS survey. Presentation at Ft. Polk, LA, October, 1991. [7243]	Pr
Newby J: Army-wide HIV/AIDS survey. Presentation at Ft. Campbell, KY, October, 1991. [7243]	Pr
Newby J: Army-wide HIV/AIDS survey. Presentation at Ft. Wain, AK, October, 1991. [7243]	Pr
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- Roberts C: Diagnosis of human retroviral infections in the military population. Fifth Biennial AMEDD HIV/AIDS Symposium, Denver CO June, 1992. [8803] Pr
- Rundell J, Kyle K, Brown C, Thomasen J: Risk factors for suicide attempts in a human immunodeficiency virus screening program. Psychosomatics 1992;33:24-7. [7243] P
- Rundell J, Temoshok L, Blake S, Sharp E, Ledsky R: Factors associated with acquiring sexually transmitted diseases in the U.S. Army. Proceedings of the Eighth International Conference on AIDS/III STD World Congress, Amsterdam, The Netherlands, July, 1992. [7243] Ab

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Skelton H, Smith K, Johnson F, Cooper C: Zirconium granuloma secondary to an aluminum zirconium complex: a previously unrecognized agent in the development of hypersensitivity granulomas. J Cut Pathol 1991;18(5):391. [8812]	Ab
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Temoshok L: AIDS and the media. Symposium conducted at the First International Conference on Biopsychosocial Aspects of HIV Infection, Amsterdam, The Netherlands, 1991. [7243]	Pr
Temoshok L: Psychoneuroimmunology and HIV: perspectives on a second decade of research. Plenary Address given at the First International Conference on Biopsychosocial Aspects of HIV Infection, Amsterdam, The Netherlands, 1991. [7243]	Pr
Temoshok L: A biopsychological perspective on HIV/AIDS. Seminar at the Department of Psychiatry, Uniformed Services University of the Health Sciences, Bethesda, MD, November, 1991. [7243]	Pr
Temoshok L: Anonymous behavior survey: implications for prevention in seropositive individuals. Community Health Nurse HIV Educators Conference, Washington, DC, November, 1991. [7243]	Pr
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Sacks F, Pfeffer M, Moye L, Brown L, Hamm P, Cole T, Hawkins C, Braunwald E: Rationale and design of a secondary prevention trial of lowering normal plasma cholesterol level after acute myocardial infarction: the cholesterol and recurrent events trial (CARE). Am J Cardiol 1991;68:1436-46. [1267] P

Weston L, Hull R, Carter A, Chin Y, Swartz J: Safety and efficacy of a coronary electrode catheter. Proceedings of the Army Regional American College of Physicians Meeting, San Francisco, CA, 1991. [1266] Ab

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<u>CITATION*</u>	<u>TYPE**</u>
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Galloway R, Carr F, Fein H, Smallridge R: Monensin suppresses prolactin (PRL) secretion independently of changes in cytosolic sodium, calcium, and pH in GH3 pituitary cells. Endocrinology 1992;125(suppl). [1328-90]	Ab
Galloway R, Carr F, Fein H, Smallridge R: Monensin suppresses prolactin (PRL) secretion independently of changes in cytosolic sodium, calcium, and pH in GH3 pituitary cells. Endocrine Society, 74th Annual Meeting, San Antonio, TX, June, 1992. [1328-90]	Pr
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Glass A: Use of a Y-chromosome-specific DNA probe to monitor the albumin-column method of X-Y separation. American Society of Andrology Annual Meeting, Montreal, Canada, 1991. [1371-86]	Pr
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Endocrine-Metabolic Service (continued)

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<u>CITATION*</u>	<u>TYPE**</u>
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Solomon B, Burman K: The prevalence of bone fractures in women with thyroid disease. Meeting of the Endocrine Society, San Antonio, TX, June, 1992. [1311-88]	Pr
Tseng Y, Burman K, Lahiri S, D'Avis J, Wartofsky L: Thyrotropin modulates epidermal growth factor binding to receptors on cultured thyroid cells by inducing receptor-mediated EGF internalization. Thyroid 1992;2:181-187. [1399-87]	P
Tseng Y, Lahiri S, D'Avis J, Wartofsky L: Transforming growth factor-alpha modulates cell growth and thyroglobulin production by cultured thyroid cells. American Thyroid Association, 65th Annual Meeting, Boston, MA, 1991. [1399-87]	Pr
Tseng Y, Lahiri S, D'Avis J: Effects of transforming growth factor-beta on growth and thyroglobulin synthesis in cultured human thyroid cells. The Endocrine Society, 73rd Annual Meeting, Washington, DC, 1991. [1399-87]	Pr
Tseng Y, Lahiri S, Jackson S, Wartofsky L: Endothelin production by human thyroid follicular cells and its modulation by thyrotropin and transforming growth factor-beta. 74th Annual Meeting of the Endocrine Society, San Antonio, TX, June, 1992. [1399-87]	Pr
Tseng Y, Wartofsky L: Identification of endothelin receptors on FRTL5 cells and modulation of receptor binding activity by thyrotropin. American Thyroid Association, 66th Annual Meeting, Rochester, MN, September, 1992. [1399-87]	Pr
Wartofsky L: Management of Graves' ophthalmopathy. 74th Annual Meeting of the Endocrine Society, San Antonio, TX, June, 1992. [1351-84]	Pr
Wong N, Carr F: Thyroid hormone increases activity of a heptonuclear specific factor that represses S14 gene transcription in vivo and in vitro. 1991 Keystone Symposia "Gene Regulation and Signalling in Endocrine Systems," Tamarron, CO, 1991. [1393-87]	Ab
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Gastroenterology Service

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- Glass A, Kikendall J, Bowen P, Sobin L: Serum somatomedin-C levels in patients with colonic neoplasia. Endocrine Society Annual Meeting, San Antonio, TX, June, 1992. [1414] Pr
- Kikendall J, Bowen P, Nelson R, Mobarham S, Burgess M, Maydonovitch C: Risk factors for adenoma recurrence following colonoscopic polypectomy: results from a prospective study. Annual Meeting of American Gastroenterology Association, San Francisco, CA, May, 1992. [1450] Pr
- Kikendall J, Bowen P, Nelson R, Mobarham S, Burgess M, Maydonovitch C: Risk factors for adenoma recurrence following colonoscopic polypectomy: results from a prospective study. Gastroenterology 1992;102:A369 [1450] Ab
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DEPARTMENT OF MEDICINE

Gastroenterology Service (continued)

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Gastroenterology Service (continued)

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General Medicine Service

- Kroenke K, Lucas C, Rosenberg M, Herbers J, Scherokman B, Wehrle P, Boggi J: A prospective study of dizziness in medical outpatients: results from a structured psychiatric evaluation. National Institute of Mental Health "Classification and Treatment of Mental Disorders in General Medical Settings: A Research Conference, Bethesda, MD, 1991. [1026] Pr
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- Kroenke K, Price R: Symptoms in the community: a population-based study. Clin Res 1991;39:579A. [1027] Ab
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DEPARTMENT OF MEDICINE

Hematology-Oncology Service

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Hematology-Oncology Service (continued)

- Weiss R, Christian M, Kohn E, Sarosy G, Link C, Davis P, Brewster L, Lombardo F, Reed E: A phase I trial of ormaplatin (tetraplatin). Ab
Ann Oncology 1992;3(suppl 1):144. [1507]

DEPARTMENT OF MEDICINE

Infectious Disease Service

- Cross A, Artenstein A, Fredeking T, Que J, Furer E, Sadoff J, Cryz S: Pr
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Nephrology Service

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TIMP1 and alpha-1 type IV collagen mRNAs in mouse mesangial cells at low and high density. J Am Soc Nephrol 1991;2:572. [1162]
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Pulmonary Disease Service (continued)

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| Dillard T, Berg B, Mehm W: Pulse oximetry threshold for treatment of altitude hypoxemia in COPD. Eighth Annual Army Scientific/ACP Meeting, San Francisco, CA, October, 1991. [1724] | Pr |
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| Dillard T: Hypoxemia during altitude exposure: A meta-analysis of chronic obstructive pulmonary disease. International Scientific Assembly of the American Thoracic Society, Miami, FL, May, 1992. [1724] | Pr |
| Hnatiuk O, Dillard T: Maximum inspiratory flow rate as a determinant of maximum voluntary ventilation in COPD patients and normal subjects. Chest 1991;100(2):56S. [1743] | Ab |
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DEPARTMENT OF MEDICINE

Pulmonary Disease Service (continued)

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| Kern J, Torrington K, Weidner S: The utility of fiberoptic bronchoscopy in the evaluation of the solitary pulmonary nodule. Am Rev Respir Dis 1992;145:A243. [1748] | Ab |
| Kern J, Torrington K, Weidner S: The utility of fiberoptic bronchoscopy in the evaluation of the solitary pulmonary nodule. American Thoracic Society Annual Conference, Miami, FL, May, 1992. [1748] | Pr |
| Moore L, Phillips Y, Bilello K, Kern J, McCumber T: The effect of acute and chronic administration of diltiazem on pulmonary gas exchange and oxygen delivery in severe COPD. Eighth Annual Army Scientific/ACP Meeting, San Francisco, CA, October, 1991. [1740] | Pr |
| Moore L, Phillips Y, Dillard T, Bilello K, Kern J: The effect of acute and chronic diltiazem administration on pulmonary gas exchange and oxygen delivery in severe COPD. Army Regional American College of Physicians Meeting, San Francisco, CA, October, 1991. [1740] | Pr |
| Moore L, Phillips Y, Dillard T, Bilello K, Kern J: The effect of acute and chronic diltiazem administration on pulmonary gas exchange and oxygen delivery in severe COPD. Annual American College of Physicians Convention, San Diego, CA, March, 1992. [1740] | Pr |
| Poropatich R, Phillips Y, Torrington K: Treatment of pulmonary sarcoidosis with high dose inhaled triamcinolone, a proposal. Eighth Annual Army Scientific/ACP Meeting, San Francisco, CA, October, 1991. [1736] | Pr |
| Poropatich k, Phillips Y: Treatment of pulmonary sarcoidosis with high dose inhaled triamcinolone acetate. Army American College of Physicians Meeting, Carl Tempel Pulmonary Symposium, San Francisco, CA, October, 1991. [1736] | Pr |

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<u>CITATION*</u>	<u>TYPE**</u>
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Pulmonary Disease Service (continued)	
Poropatich R, Torrington K: Repeat fiberoptic bronchoscopy - a five-year experience. 57th Annual Scientific Assembly of the American College of Chest Physicians, San Francisco, CA, November, 1991. [1747]	Pr
Poropatich R, Torrington K: Repeat fiberoptic bronchoscopy - a five-year experience. Chest 1991;100:73S. [1747]	Ab
Poropatich R: Repeat fiberoptic bronchoscopy - A five year experience. District of Columbia Thoracic Society Annual Meeting, Washington, DC, April, 1992. [1747]	Pr
Rajagopal K, Derderian S, Culpepper W, Edmond C, Burgess L: Efficacy of cephalometric measurements in the prediction of response to uvulopalatopharyngoplasty (UPPP) in obstructive sleep apnea. Sleep Res 1991;304:20A. [1707]	Ab
Roach J, Eliasson A, Phillips Y: The effect of pyridostigmine on bronchial hyperreactivity. American Thoracic Society Meeting, Miami, FL, May, 1992. [1742]	Pr
Roach J, Eliasson A, Phillips Y: The effect of pyridostigmine on bronchial hyperreactivity. Am Rev Respir Dis 1992;145(4 Pt 2):A49. [1742]	Ab
Roach J, Eliasson A, Phillips Y: The effect of pyridostigmine on bronchial hyperreactivity. Eighth Annual Army Scientific/ACP Meeting, San Francisco, CA, October, 1991. [1742]	Pr
Sun W, Brisker J, Chung R, Poropatich R, Sadoff J: Utility of polymerase chain reaction (PCR) in fluorochrome-negative, culture-positive clinical specimens for diagnosis of tuberculosis. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 1991. [1711]	Pr
Torrington K, Poropatich R: Utility of repeat fiberoptic bronchoscopy for suspected malignancy. Chest 1992;102:1080-4. [1747]	P
Torrington K, Poropatich R: Utility of repeat fiberoptic bronchoscopy for suspected malignancy. 1992 American Thoracic Society International Conference, Miami, FL, May, 1992. [1747]	Pr

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DEPARTMENT OF MEDICINE

Pulmonary Disease Service (continued)

Torrington K, Poropatich R: Utility of repeat fiberoptic bronchoscopy for suspected malignancy. Am Rev Respir Dis 1992;145:A243. [1747] Ab

DEPARTMENT OF MEDICINE

Rheumatology Service

Tesar J, McMillan V, Molina R, Armstrong J: Optic neuropathy and central nervous system disease in primary Sjogren's syndrome. Am J Med 1992;92(6):686-92. [3220R] P

NEUROLOGY SERVICE

Grafman J, Jonas B, Salazar A: Epilepsy following penetrating head injury to the frontal lobes: effects on cognition. In: Chauvel P, Delgado-Escueta A, Halgren E, Bancaud J, eds. Advances in Neurology. New York: Raven Press, 1992;57(21):369-78. [9200] P

Jabbari B, Bartoszek D: Evoked potential in "painful leg moving toe" syndrome. Movement Dis 1992;6(suppl 1):109. [7143] Ab

Jabbari B, Bartoszek D: Magnetic evoked potential in "painful leg moving toe" syndrome. International Movement Disorder Society Meeting, Munich, Germany, June, 1992. [7143] Pr

Jabbari B, Yoder C: Alternating epileptic dystonia: which dystonic limb has localizing value?. Epilepsia 1991;32(suppl):56. [7147] Ab

Jabbari B, Yoder C: Alternating epileptic dystonia: which dystonic limb has localizing value?. Annual Meeting of the American Epilepsy Society, Philadelphia, PA, December, 1991. [7147] Pr

Salazar A: Decisions in trauma: from impact to recovery. Invited Lecture, Cox Medical Centers, Springfield, MO, March, 1992. [9200] Pr

Salazar A: Invited Participant, California State Athletic Commission Neurological Validity Study Seminar. Los Angeles, CA, July, 1992. [9200] Pr

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DEPARTMENT OF NURSING

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- Rich I: A comparison of psychological symptom distress, ambivalence, and general pregnancy attitudes of pregnant women based on deployment status of the spouse during Operation Desert Storm. U.S. Army Research and Development Command 1991 Nursing Research Conference, Bethesda, MD, 1991. [7521] Pr
- Rich I: Psychological symptom distress, ambivalence, and general pregnancy attitudes of women during the trimesters of pregnancy. Nurses Association American College Obstetrics and Gynecology Meeting, Cincinnati, OH, October, 1991. [7521] Pr
- Rich I: General pregnancy attitudes, ambivalence, and psychological symptom distress. United States Army Nurse Corps, The 7th Biennial Phyllis J. Verhonick Nursing Research Course, Washington, DC, April, 1992. [7521] Pr

DEPARTMENT OF NURSING

Nursing Research Service

- Gurney C: Determinants of intent to leave among nurses with doctoral degrees by occupational setting. 14th Annual Meeting of the Midwest Nursing Research Society, Oklahoma City, OK, 1991. [7524] Pr
- Gurney C: Determinants of intent to leave among nurses with doctoral degrees by occupational setting. Annual Meeting of the Midwest Sociological Society, Des Moines, IA, 1991. [7524] Pr
- Gurney C: Interaction effects in determinants of intent to leave. 4th Biennial Conference on Nursing Administration Research, Iowa City, IA, October, 1991. [7524] Pr
- Reeder J: Families coping with combat injury: replication and extension. Research through the life span. Johns Hopkins University School of Nursing Research Conference, Baltimore, MD, March, 1992. [7523] Pr

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Nursing Research Service (continued)	
Reeder J: Families coping with combat injury. Annual Medical-Surgical Update, Department of Nursing, Walter Reed Army Medical Center, Washington, DC, April, 1992. [7523]	Pr
Swartz A: Families coping with combat injury: a psychiatric perspective. Army Combat Psychiatry Symposium, Tacoma, WA, January, 1992. [7523]	Pr
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY	
Allen R: Pelvic ureter identification during laparoscopy: a prospective study. Residents' Day, Walter Reed Army Medical Center, Washington, DC, May, 1992. [4301]	Pr
Troche V, O'Connor D, Schaudies R: Measurement of human epidermal growth factor receptor in the endometrium during the menstrual cycle. Am J Obstet Gynecol 1991;165(5 Pt 1):1499-503. [4279]	P
Troche V, O'Connor D, Schaudies R: Expression of human epidermal growth factor receptor in the endometrium during the menstrual cycle. 38th Annual Meeting of the Society for Gynecologic Investigation, San Antonio, TX, 1991. [4279]	Pr
Troche V, O'Connor D, Schaudies R: Expression of human epidermal growth factor receptor in the endometrium during the menstrual cycle. Abstracts, 38th Annual Meeting, Society for Gynecologic Investigation 1991:300. [4279]	Ab
DEPARTMENT OF PATHOLOGY AND AREA LABORATORIES	
Barekman C: Immunohistochemistry of Type 2 pneumocytes in hyperplasia and neoplasia. The Washington Society of Pathologists, Resident Research Night, January, 1992. [4810]	Pr
Knoll S: The effects on irradiated red blood cells: in vitro and in vivo study [Thesis]. Bowling Green, OH: Bowling Green State University, 1991. 108 p. [4809]	P
Knoll S: Plasma potassium levels in stored irradiated units of CPDA1 anticoagulated red blood cells. Armed Services Blood Bank Fellowship Graduation Program, Walter Reed Army Medical Center, Washington, DC, January, 1991. [4809]	Pr

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Ascher D, Zbick C, White C, Fischer G: Infections due to <i>Stomatococcus mucilaginosus</i> : 10 cases and review. <i>Rev Infect Dis</i> 1991;13:1048-52. [6286]	P
Bent R, Wiswell T, Chang A: Removing meconium from infant trachea - what works best?. <i>Am J Dis Child</i> 1992;146:1085-9. [6274]	P
Bent R, Wiswell T: Comparison of mechanical suction techniques for meconium in the in vitro piglet trachea. <i>Ped Research</i> 1991;29(4):204A. [6274]	Ab
Bent R, Wiswell T: Comparison of mechanical suction techniques for meconium in the in vitro piglet trachea. Annual Meeting of the American Academy of Pediatrics, Section of Perinatal Pediatrics, New Orleans, LA, October, 1991. [6274]	Pr
Curtis J, O'Neill J, Pettett P: Comparison of intravenous and endotracheal tolazoline. <i>Pediatr Res</i> 1991;31:199A. [6295]	Ab
Curtis J, O'Neill J, Pettett P: Comparison of intravenous and endotracheal tolazoline. Pediatric Research Meeting, Baltimore, MD, May, 1991. [6295]	Pr
Dykstra K, Payne M, Abdel-Rahim M, Francis G: Insulin-like growth factor-1 but not growth hormone has in vitro proliferation effects on neonatal foreskin fibroblasts. Endocrine Society, San Antonio, TX, June, 1992. [6064]	Pr
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Nickels D, Curley M, Betz J, Poth M: Effect of growth hormone on diabetic nephropathy: preliminary studies and establishment of a rat model. Uniformed Services Pediatric Seminar Program, Washington, DC, March, 1992. [6291]	Pr
Perry J, Edwards G, Burrell L, Vukelja S, Baker W, Meiser D: High-dose cyclophosphamide, carboplatin, and etoposide with autologous bone marrow transplantation for relapsed solid tumors. Proceedings of the American Society of Clinical Oncology, Twenty-Eighth Annual Meeting 1992;11:353:A1216. [6266]	Ab

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DEPARTMENT OF PEDIATRICS (continued)

Watson M, Newman R, Francis G, Poth M: Macrophage-conditioned media inhibits in vitro Leydig cell testosterone production. Uniformed Services Section of the American Academy of Pediatrics, Washington, DC, March, 1992. [6257] Pr

Watson M, Newman R, Francis G: Macrophage-conditioned media contains factor(s) which inhibits in vitro Leydig cell testosterone production. Endocrine Society Meeting, San Antonio, TX, June, 1992. [6257] Pr

Wiswell T, Henley M: Intratracheal suctioning, systemic infection, and the meconium aspiration syndrome. Pediatric Res 1991;29:239A(1419). [6277] Ab

Wiswell T, Henley M: Intratracheal suctioning, systemic infection, and the meconium aspiration syndrome. Pediatrics 1992;89:203-6. [6277] P

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DEPARTMENT OF PEDIATRICS

Pediatric Hematology-Oncology Service

Maybee D, Dubowy R, Krischer J, Buchanan G, Bowman W, Dickerman J, Hakami N, Lauver J, Steuber P, Toledano S, Dietti T, Wilkinson R: Unusual toxicity of high dose alpha interferon in the treatment of juvenile chronic myelogenous leukemia (JCML). ASCO 1992;11:285(950). [6213] Ab

PHARMACY SERVICE

Bjornson D, Hiner W, Potyk R: Evaluation of the effect of clinical pharmacists on inpatient health care outcomes: study methodology. Pharmacy World Congress, Washington, DC, 1991. [3601] Pr

Bjornson D: Clinical pharmacy justification study - WRAMC. Ralph D. Arnold Pharmaceutical Services Management Course, San Antonio, TX, 1991. [3601] Pr

Bjornson D: Evaluation of the effect of clinical pharmacists on inpatient health care outcomes: study methodology. ASHP Research and Education Foundation Colloquim, 26th Annual ASHP Midyear Clinical Meeting, New Orleans, LA, December, 1991. [3601] Pr

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PHARMACY SERVICE (continued)

- Bjornson D: Evaluation of the pharmaceutical care model in the inpatient population. Northeast Federal Pharmacy Meeting, Cape May, NJ, May, 1992. [3601] Pr

PHYSICAL MEDICINE AND REHABILITATION SERVICE

- DiBenedetto M, Yoshida M, Braverman S, Jonas B, Scully T: Foot evaluation by infrared imaging. Arch Phy Med Rehabil 1992;73(10):1019. [9609] Ab
- Dillingham T, Olaje F, Thornton-Vogel M, Belandres P: Orthosis for the complete median and radial nerve-injured war casualty. Arch Phys Med Rehabil 1992;73(10):1012. [9614] Ab
- Dillingham T, Olaje F, Thornton-Vogel M, Belandres P: Orthosis for the complete median and radial nerve-injured war casualty. J Hand Therapy 1992;Oct-Dec:212-7. [9614] P
- Dillingham T, Spellman N, Braverman S, Zeigler D, Belandres P: Analysis of casualties referred to Army Physical Medicine Services during wartime. Arch Phys Med Rehabil 1992;73(10):980. [9614] Ab
- Robinson M, Bryant P, Fugimoto R: Radial F wave latencies: normative values. Arch Phy Med Rehabil 1992;73(10):990. [9609] Ab
- Sweeney J, Sanders E, Baehm D, Hansen D, Coak E, Greathouse D: Epidemiology of injuries requiring physical therapy during Operation Desert Shield/Storm. Meeting of the American Physical Therapy Association, Denver, CO, June, 1992. [9612] Pr
- Sweeney J, Sanders G, Baehm D, Hansen D, Cook E, Greathouse D: Epidemiology of injuries requiring physical therapy during Operation Desert Shield/Storm. Phys Ther 1992;72(6):545. [9612] P

DEPARTMENT OF PSYCHIATRY

- Hall D Jr, Sing H, Romanoski A: Identification and characterization of greater mood variance in depression. Am J Psychiatry 1991;148(10):1341-5. [7245] P
- Warden D, Flynn F, Spector J: Neurobehavior evaluation/clinic in psychiatric residency education. American Psychiatric Association Meeting, Washington, DC, May, 1992. [7240] Pr

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Weir L: Visual auditory interactions. WRAMC Department of Psychiatry
Grand Rounds, Washington, DC, 1991. [7239] Pr

DEPARTMENT OF RADIOLOGY

Dachman A, Van De Merwe W, Czege J, Ward F, Garra B, Beam T, Shay S: Pr
Interstitial tumor ablation of hepatic metastases from colorectal
carcinoma using Nd:YAG laser; initial clinical experience. 40th
Annual Meeting of the Association of University Radiologists,
Chicago, April, 1992. [4538]

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Interstitial tumor ablation of hepatic metastases from colorectal
carcinoma using Nd:YAG laser; initial clinical experience. 12th
Annual Meeting of the American Society for Laser Medicine and
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DEPARTMENT OF SURGERY

Anesthesia-Operative Service

Hahn M, Bettencourt J, Stamatos J: The use of the Davol catheter for Pr
the treatment of cancer pain. American Society of
Anesthesiologists Meeting, Las Vegas, NV, October, 1991. [2045A]

Kline M, Guzzi L, Reynolds P, Stoltzfus D, Hagemeister B: Patterns of Ab
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DEPARTMENT OF SURGERY

Army Audiology and Speech Center

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Course, Nashville, TN, March, 1992. [2504]

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| Grant K, Braida L, Renn R: Single-band amplitude envelope cues as an aid to speechreading. Quart J Experiment Psychol 1991;43A: 621-45. [2508] | P |
| Grant K, Braida L: Evaluating the articulation index for auditory-visual input. J Acoust Soc Am 1991;89:2952-60. [2508] | P |
| Grant K: Amplitude envelope cues as an aid to speechreading. Conference on Implantable Auditory Prostheses, Pacific Grove, CA, 1991. [2508] | Pr |
| Leek M, Marshall L, Hanna T: Estimation of psychometric functions from adaptive tracking procedures. Perception and Psychophysics 1992;51:247-56. [2588] | P |
| Leek M, Summers W: The effect of waveform shape on the discrimination of harmonic complexes. Midwinter Meeting, Association for Research in Otolaryngology, St. Petersburg, FL, February, 1992. [2591] | Pr |
| Leek M: Linear and nonlinear processing in impaired auditory systems. Invited presenter to House Ear Institute Conference on Issues in Advanced Hearing Aid Research, Lake Arrowhead, CA, May, 1992. [2588] | Pr |
| Leek M: The representation of complex sounds in normal and hearing-impaired listeners. Invited presenter, Bill Wilkerson Center, Vanderbilt University, Nashville, TN, June, 1992. [2588] | Pr |
| Leek M: The internal representation of speech in impaired auditory systems. Invited presenter, Applied Experimental Group, The Catholic University of America, Washington, DC, November, 1991. [2588] | Pr |
| Leek M: Effects of frequency resolution on speech understanding by hearing-impaired persons. Invited presenter, Department of Speech and Hearing Science, University of Maryland, College Park, MD, April, 1992. [2588] | Pr |

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- McClearn M: Simulation of input to motoneurons during speech dysfluency using a simple inhibitory neuronal network. In: Peters H, Hulstijn W, Starkweather C, eds. Speech motor control and stuttering. Amsterdam: Elsevier, 1991:189-95. [2513] P
- Summers W, Leek M: The role of spectral and temporal cues in vowel identification by hearing-impaired listeners. J Speech Hear Res 1992;35:1189-99. [2505] P

DEPARTMENT OF SURGERY

General Surgery Service

- Azarow K, Pearl R, Hoffman M, Zurcher R, Edwards F, Cohen A: Vascular ring: does MRI replace angiography?. Ann Thorac Surg 1992;53:882-5. [2058] P

DEPARTMENT OF SURGERY

Ophthalmology Service

- Cavallaro B, Ward T, Peele K, Hollifield R, Wertz F: Closure of scleral lacerations with cyanoacrylate adhesive. Invest Ophthalmol Vision Sci 1992;33(4):1311. [2318] Ab
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DEPARTMENT OF SURGERY

Organ Transplant Service

- Childers E, Shaver T, Foss R, Riordon G, Kratochvil F: Replication of Epstein-Barr virus in lateral tongue epithelium of immuno compromised patients. Naval Dental School Research Conference, Bethesda, MD, April, 1992. [2634] Pr

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Orthopaedic Surgery Service

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| Beauchesne R, Kukita Y, Knezevich S, Suthers K: Roentgenographic evaluation of the AML porous coated acetabular component: a six year minimum follow-up study. American Academy of Orthopaedic Surgeons Annual Meeting, Washington, DC, February, 1992. [2431] | Pr |
| Callaghan J, Heekin R, Hopkinson W, Savory C, Xenos J: Porous coated anatomic primary total hip arthroplasty: 5 to 7 year results of a prospective consecutive series. American Academy of Orthopaedic Surgeons Annual Meeting, Washington, DC, February, 1992. [2401] | Pr |
| McHale K, Lenhart M: Treatment of residual clubfoot deformity - the "bean shaped" foot - by opening wedge medial cuneiform osteotomy and closing wedge cuboid osteotomy. Clinical review and cadaver correlations. J Pediatr Orthop 1991;11(3):374-81. [2425] | P |
| Stevens W, Jabbari B, Geyer C, van Dam B: MRI of the posterior fossa and evoked potential analysis in adolescent idiopathic scoliosis. Scoliosis Research Society Meeting, Kansas City, MO, September, 1992. [2429] | Pr |
| Tenuta J, McHale K, McKay D, Tosi L: Early percutaneous intramedullary fixation of long bone deformity in severe osteogenesis imperfecta. Orthop Trans 1991;15:356. [2424] | Ab |
| Tenuta J, McHale K, McKay D, Tosi L: Early percutaneous intramedullary fixation of long bone deformity in severe osteogenesis imperfecta. American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, CA, 1991. [2424] | Pr |
| Tenuta J, McHale K, McKay D, Tosi L: Early percutaneous intramedullary fixation of long bone deformity in severe osteogenesis imperfecta. Society of Military Orthopaedic Surgeons Annual Meeting, El Paso, TX, November, 1991. [2424] | Pr |
| Xenos J, Heekin R, Hopkinson W, Callaghan J: Osteolysis following uncemented total hip replacement. Society of Military Orthopaedic Surgeons, El Paso, TX, November, 1991. [2401] | Pr |

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Urology Service

Kuhn E, Sesterhenn I, Chang E, Moul J: Expression of the c-erb-B-2 oncoprotein in prostate cancer. Proceedings of American Association of Cancer Research 1992;33:202(A1212). [2860]	Ab
Kuhn E, Sesterhenn I, Chang E, Moul J: Expression of the c-erb-B-2 oncoprotein in prostate cancer. Mid-Atlantic Section, American Urological Association Annual Meeting, Bermuda, October, 1991. [2860]	Pr
Kuhn E, Sesterhenn I, Chang E, Moul J: Expression of the c-erb-B-2 oncoprotein in prostate cancer. 39th Annual Kimbrough Urological Conference, Baltimore, MD, December, 1991. [2860]	Pr
Kuhn E, Sesterhenn I, Chang E, Moul J: Expression of the c-erb-B-2 oncoprotein in prostate cancer. 30th Annual Society of University Urology Residents Meeting, Falls Church VA, May, 1992. [2860]	Pr
Kuhn E, Sesterhenn I, Chang E, Moul J: Expression of the c-erb-B-2 oncoprotein in prostate cancer. 83rd Annual Meeting of the American Association for Cancer Research, San Diego, CA, May, 1992. [2860]	Pr
Moul J, Foley J, Hitchcock C, Becker R, Sesterhenn I, Griffin J: Flow cytometric proliferative activity to predict occult disease in clinical Stage I non-seminomatous testicular germ cell tumors. 83rd Annual Meeting of the American Association for Cancer Research, San Diego, CA, May, 1992. [2862]	Pr
Moul J, Foley J, Hitchcock C, Becker R, Sesterhenn I, Griffin J: Flow cytometric proliferative activity to predict occult disease in clinical Stage I non-seminomatous testicular germ cell tumors. Proceedings of American Association of Cancer Research 1992;33:207(A1238). [2862]	Ab
Moul J, Friedrichs P, Lance R, Theune S, Chang E: Infrequent RAS oncogene mutations in human prostate cancer. Prostate 1992;20:327-38. [2860]	P
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Urology Service (continued)

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| Moul J: RAS oncogene mutations in human testicular tumors. Sixth Annual Reserve Components Surgical Day, Uniformed Services University of the Health Sciences, Bethesda, MD, 1991. [2862] | Pr |
| Moul J: RAS oncogene mutations in human testicular tumors. Poster Session, 82nd American Association of Clinical Research Annual Meeting, Houston, TX, 1991. [2862] | Pr |
| Moul J: RAS mutations in human prostate cancer. American Urological Association Annual Meeting, Toronto, Canada, 1991. [2860] | Pr |
| Moul J: Pitfalls in the diagnosis of testicular cancer. J US Army Medical Dept 1991;PB 8-91-10:11-5. [2862] | P |
| Moul J: RAS oncogene mutations in human testicular tumors. Kimbrough Urological Seminar, Baltimore, MD, December, 1991. [2862] | Pr |
| Nicely E, Maggio M, Kuhn E: The use of a cystoscopically placed cobra catheter for directed irrigation of lower pole caliceal stones during extracorporeal shock wave lithotripsy. J Urol 1992;148:1036-9. [2867] | P |
| Nicely E, Maggio M, Kuhn E: The use of a cystoscopically placed cobra catheter for directed irrigation of lower pole caliceal stones during extracorporeal shock wave lithotripsy. Mid-Atlantic Section, American Urological Association, Bermuda, 1991. [2867] | Pr |
| Nicely E, Maggio M, Kuhn E: The use of a cystoscopically placed cobra catheter for directed irrigation of lower pole caliceal stones during extracorporeal shock wave lithotripsy. Kimbrough Urological Seminar, Baltimore, MD, December, 1991. [2867] | Pr |
| Nicely E, Maggio M, Kuhn E: The use of a cystoscopically placed cobra catheter for directed irrigation of lower pole caliceal stones during extracorporeal shock wave lithotripsy. Society of University Urology Residents, Alexandria, VA, May, 1992. [2867] | Pr |

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DEPARTMENT OF CLINICAL INVESTIGATION

Schaudies R, Satchithanandam S, Calvert R. Alteration in levels of immunoreactive epidermal growth factor in the gastrointestinal mucosa of Fischer rats fed a diet containing 10% wheat bran. J Nutr 1991;121(6):800-5. [9276] P

Sweeney J. Advanced level competencies in pediatric physical therapy. American Physical Therapy Association Combined Sections Meeting, Denver, CO, February, 1992. [9279] Pr

DEPARTMENT OF MEDICINE
Dermatology Service

O'Donnell B, Dawson N, Weiss R, Myers C, James W. Suramin-induced skin reactions. Arch Dermatol 1992;128(1):75-9. [1664-89] P

DEPARTMENT OF MEDICINE
Endocrine-Metabolic Service

Baker J, Miller F, Steinberg A, Burman K. Thyroid stimulating and thyrotropin binding inhibitory immunoglobulin activity in patients with systemic lupus erythematosus having thyroid function abnormalities. Thyroid 1991;1:229-34. [1355-87] P

Brennan M, Duncan W, Wartofsky L, Butler V, Wray H. In vitro dissolution of calcium carbonate preparations. Calcif Tissue Int 1991;49(5):308-1. [1387-87] P

Burch H, Nagy E, Lukes Y, Cai W, Wartofsky L. Nucleotide and amino acid homology between the human thyrotropin receptor and the HIV-1 nef protein: identification and functional analysis. Biochem Biophys Res Comm 1991;181(1):498-505. [1336-91] P

Burman K, Djuh Y, Nicholson D, Rhooms P, Wartofsky L, Fein H. Generalized thyroid hormone resistance: identification of an arginine to cystine mutation in codon 315 of the c-erb P

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DEPARTMENT OF MEDICINE

Endocrine-Metabolic Service (continued)

- A beta thyroid hormone receptor. J Endocrinol Invest
1992;15(8):573-9. [1307-88]
- Burman K, Djuh Y, Nicholson D, Fein H, Usala S, Bradley W, Pr
Berard J, Wartofsky L. Identification of a unique
mutation in affected members of a family with the syndrome
of generalized thyroid hormone resistance. Endocrine
Society Annual Meeting, Washington, DC, 1991. [1365-85]
- Burman K, Lukes Y, Gemski P. Molecular homology between the Pr
human TSH receptor and Yersinia enterocolitica. American
Thyroid Association Annual Meeting, Boston, MA, 1991.
[1362-85]
- Duncan W, Glass A, Wray H. Estrogen regulation of the nuclear P
1,25- dihydroxyvitamin D3 receptor in rat liver and kidney.
Endocrinology 1991;129(5):2318-24. [1363-85]
- Jackson S, Tseng Y, Lahiri S, D'Avis J, Burman K, Wartofsky L. Ab
Endothelin and the thyroid: tissue receptors and clinical
correlates. Clin Res 1991;39:207A. [1365-85]
- Nagy E, Burch H, Lukes Y, Burman K. Lymphocyte responsiveness Pr
to immunogenic peptides of the human TSH receptor. 74th
Annual Meeting of the Endocrine Society, San Antonio, TX,
June, 1992. [1355-87]
- Peters M, Tseng Y, Lahiri S, Wartofsky L. Hydrocortisone Pr
enhances binding of atrial natriuretic peptide and
thyroglobulin secretion in human thyroid cells. 74th
Annual Meeting of the Endocrine Society, San Antonio, TX,
June, 1992. [1342]
- Wartofsky L, Glinoe D, Solomon B, Nagataki S, Lagasse R, P
Nagayama Y. Differences and similarities in the diagnosis
and treatment of Graves' disease in Europe, Japan, and the
United States. Thyroid 1991;1(2):129-35. [1398-87]

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DEPARTMENT OF MEDICINE

Gastroenterology Service

Kadakia S, Wong R, Maydonovitch C, Nelson N, Henkin R. Serum and tissue zinc concentrations in patients with endoscopic esophagitis. Dig Dis Sci 1992;37(4):513-6. [1471] P

DEPARTMENT OF MEDICINE

General Medicine Service

Landry F. Advance directives: implementation into clinical practice. South Med J 1991;84(11):1320-2. [1031] P

DEPARTMENT OF MEDICINE

Hematology-Oncology Service

Dawson N, Wilding G, Weiss R, McLeod D, Linehan W, Frank J, Jacob J, Gelmann E. A pilot trial of chemohormonal therapy for metastatic prostate carcinoma. Cancer 1992; 69(1):213-8. [1643-86] P

Dawson N, Costanza M, Korzun A, Clamon G, Pollak M, Vogelzang N, Carey R, Norton L. Trimetrexate in untreated and previously treated patients with metastatic breast cancer: a Cancer and Leukemia Group B study. Med Pediatr Oncol 1991;19(4):283-8. [1562-87] P

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Hematology-Oncology Service (continued)

Myers C, Stein C, Dawson N. Suramin: a novel growth factor antagonist with activity in hormone-refractory prostate cancer. J Clin Oncol 1992;10:881-9. [1664-89] P

Reed W, Diehl L. Leukopenia, neutropenia, and reduced hemoglobin levels in healthy American blacks. Arch Intern Med 1991;151(3):501-5. [1635-85] P

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DEPARTMENT OF MEDICINE

Infectious Disease Service

Drabick J, Horning V, Lennox J, Coyne P, Oster C, Knight R, Dillard T, Fuller S, Damato J, Burke D. A retrospective analysis of diseases associated with indeterminate HIV Western blot patterns. Mil Med 1991;156(2):93-6. [1961] P

Hamilton J, Hartigan P, Simberkoff M, Oster C, Gordin F. A controlled trial of early versus late treatment with zidovudine in symptomatic human immunodeficiency virus infection. N Engl J Med 1992;326:437-43. [8809] P

DEPARTMENT OF MEDICINE

Pulmonary Disease Service

Abbrecht P, Rajagopal K, Kyle R. Expiratory muscle recruitment during inspiratory flow-resistive loading and exercise. Am Rev Resp Dis 1991;144:113-20. [1705] P

Argyros, G. Water loss without heat flux in exercise induced asthma. District of Columbia Thoracic Society Annual Meeting (Fellow Award recipient), Washington, DC, April, 1992. [1742] Pr

Eliasson A, Phillips Y, Rajagopal K, Howard R. Sensitivity and specificity of bronchial provocation testing. An evaluation of four techniques in exercise-induced bronchospasm. Chest 1992;102(2):347-55. [1722] P

Eliasson A, Phillips Y, Stadjuhar K, Carome M, Cowsar J Jr. Oxygen consumption and ventilation during normal labor. Chest 1992;102(2):467-71. [1730] P

Eliasson A, Phillips Y. Oxygen consumption and ventilation during normal labor. Am Rev Respir Dis 1992;145:A792. [1730] Ab

Eliasson A, Phillips Y. Oxygen consumption and ventilation during normal labor. International Scientific Assembly, American Thoracic Society, Miami, FL, May, 1992. [1730] Pr

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DEPARTMENT OF MEDICINE	
Pulmonary Disease Service (continued)	
Landry F, Parker J, Phillips Y. Outcome of cardiopulmonary resuscitation in the intensive care setting. Arch Int Med 1992;152:2305-8. [1735]	P
Landry F, Parker J, Phillips Y. Outcome of cardiopulmonary resuscitation in the intensive care unit. 8th Annual Army Scientific/American College of Physicians Meeting, San Francisco, CA, October, 1991. [1735]	Pr
Pike J, Phillips Y, Argyros G. The use of bronchodilators by metered dose inhalers prior to bronchoscopy. Chest 1992;102:144S. [1729]	Ab
South-Paul J, Rajagopal K, Tenholder M. Exercise responses prior to pregnancy and in the postpartum state. Med Sci Sports Exerc 1992;24(4):410-4. [1721]	P
Tenholder M, Rajagopal K, Phillips Y, Dillard T, Bennett L, Mundie T, Tellis C. Urinary desmosine excretion as a marker of lung injury in the adult respiratory distress syndrome. Chest 1991;100(5):1385-90. [1715]	P
NEUROLOGY SERVICE	
Jabbari B, Van Nostrand D, Gunderson C, Bartoszek D, Mitchell M, Lombardo M, Citrin C, Sherman J. EEG and neuroimaging localization in partial epilepsy. Electroencephalogr Clin Neurophysiol 1991;79(2):108-13. [7129]	P
DEPARTMENT OF OBSTETRICS-GYNECOLOGY	
Hansen K, Opsahl M, Nieman L, Baker J, Klein T. Natural killer cell activity from pregnant subjects is modulated by RU 486. Am J Obstet Gynecol 1992;166(1 Pt 1):87-90. [4242]	P

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 DEPARTMENT OF PEDIATRICS	
Wiswell T, Curtis J, Dobek A, Zierdt C. Staphylococcus aureus colonization after neonatal circumcision in relation to device used. J Pediatr 1991;119(2):302-4. [6241]	P
 PHYSICAL MEDICINE AND REHABILITATION SERVICE	
Braverman S, Davis W, Kevin K, Belandres P. High dose intravenous immunoglobulin for chronic demyelinating polyneuropathy. Arch Phys Med Rehab 1992;73(10):1001. [9621]	Ab
 DEPARTMENT OF PSYCHIATRY	
Ritchie E, Radke A, Ross B. Depression and support systems in HIV+ patients. Mil Med 1992;157(7):345. [7128]	P
 DEPARTMENT OF SURGERY Army Audiology and Speech Center	
McClellan M. Lip muscle EMG responses to mechanical stimulation in a simple reaction time task. Society for Neuroscience, New Orleans, LA, November, 1991. [2506]	Pr
McClellan M. Lip muscle EMG responses to mechanical stimulation in a simple reaction time task. Soc Neurosci 1991;17:254.5. [2506]	Ab
Robier T, Fabry D, Leek M, Summers W. Improving the frequency specificity of the auditory brainstem response. Ear Hear 1992;13(4):223-27. [2502]	P
Surr R, Fabry D. Comparison of three hearing aid fittings using the Speech Intelligibility Rating (SIR) test. Ear Hear 1991;12(1):32-8. [2592]	P
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* Number in [] is the closed protocol number
** P = publication, Ab = abstract, Pr = presentation

A D D E N D U M
PUBLICATIONS/PRESENTATIONS BY DEPARTMENT/SERVICE AND AUTHOR
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CITATION*

TYPE**

DEPARTMENT OF SURGERY

General Surgery Service

Robie D, Pearl R. Modified Nissen fundoplication: improved results in high-risk children. J Pediatr Surg 1991;26(11):1268-72. [2034] P

DEPARTMENT OF SURGERY

Organ Transplant Service

Fernandez-Bueno C. Development of an extracorporeal liver support system: initial results. Mil Med 1992;157(4):180-2. [2631-86] P

DEPARTMENT OF SURGERY

Orthopaedic Surgery Service

Temple H, Kruse R, van Dam B. Lumbar and lumbosacral fusion using Steffee instrumentation. Washington Orthopaedic Society, Arlington, VA, 1991. [2422] Pr

Temple H, Kruse R, van Dam B. Lumbar and lumbosacral fusion using Steffee instrumentation. North American Spine Society, Keystone, CO, 1991. [2422] Pr

Temple H, Kruse R, van Dam B. Lumbar and lumbosacral fusion using Steffee instrumentation. Scoliosis Research Society, Kansas City, MO, 1991. [2422] Pr

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TYPE*

ALLERGY-IMMUNOLOGY SERVICE

Craig T, Engler R, Yang E, Carpenter G. An atypical case of immunodeficiency (clinical conference). Ann Allergy 1992;69(1):22-5. P

DENTAL CLINIC

Bandy D, Theberge D, Richardson D. Obstruction of naso-endotracheal tube by inferior turbinate. Anesth Prog 1991;38(1):27-8. P

Hogans W III, Agar J. The bond strength of elastomer tray adhesives to thermoplastic and acrylic resin tray materials. J Prosthet Dent 1992;67(4):541-3. P

HIV RESEARCH

Tramont E. Controversies regarding the natural history and treatment of syphilis in HIV disease. AIDS Clin Rev 1991;97-107. P

Wohlhieter J. Workshop on the epidemiology of retroviral infections--Military Medical Consortium for Applied Retroviral Research. Mil Med 1992;157(4):204-7. P

DEPARTMENT OF MEDICINE
Cardiology Service

Cambier P, Kirby W, Wortham D, Moore J. Percutaneous closure of the small (less than 2.5 mm) patent ductus arteriosus using coil embolization. Am J Cardiol 1992;69(8):815-6. P

Gaither N, Hull R, Wortham D, Yost W, Jelinek J. Pulmonary venous obstruction: utility of transesophageal echocardiography. Am Heart J 1991;121(1 Pt 1):203-5. P

Gaither N, Rogan K, Stajduhar K, Banks A, Hull R, Whitsitt T, Vernalis M. Anomalous origin and course of coronary arteries in adults: identification and improved imaging utilizing transesophageal echocardiology. Am Heart J 1991;122(1 Pt 1):69-75. P

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DEPARTMENT OF MEDICINE

Cardiology Service (continued)

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| Moore J, Kirby W, Lovett E, O'Neill J. Use of an intravascular endoprosthesis (stent) to establish and maintain short-term patency of the ductus arteriosus in newborn lambs. Cardiovasc Intervent Radiol 1991;14(5):299-301. | P |
| Prewitt K, Wortham D, Banks A. Coronary angioplasty following cardiac transplantation: a case report and review of the literature. Cathet Cardiovasc Diagn 1991;22(1):25-7. | P |
| Smolin M, Gorman P, Gaither N, Wortham D. Origin of the right coronary artery from the left main coronary artery identified by transesophageal echocardiography. Am Heart J 1992;123(4 Pt 1):1062-5. | P |
| Taylor A, Hull R, Coyne P, Woosley R, Eliasson A. Pentamidine-induced torsades de pointes: safe completion of therapy with inhaled pentamidine. Clin Pharmacol Ther 1991;49(6):698-700. | P |
| Taylor A, Rogan K, Virmani R. Sudden cardiac death associated with isolated congenital coronary artery anomalies. J Am Coll Cardiol 1992;20(3):640-2. | P |

DEPARTMENT OF MEDICINE

Dermatology Service

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| Heimer W II, Brauner G, James W. Dermatopathia pigmentosa reticularis: a report of a family demonstrating autosomal dominant inheritance. J Am Acad Dermatol 1992;26(2 Pt 2):298-301. | P |
| James W, Rosenthal L, Brancaccio R, Marks J Jr. American Academy of Dermatology patch testing survey: use and effectiveness of this procedure. J Am Acad Dermatol 1992;26(6):991-4. | P |

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NOT RELATED TO APPROVED CLINICAL INVESTIGATION PROTOCOLS

<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF MEDICINE Dermatology Service (continued)	
Lee M, Wakefield P, Konzelman J Jr, James W. Oral insertable prosthetic device as an aid in treating oral ulcers. Arch Dermatol 1991;127(4):479-80.	P
Malane S, Sau P, Benson P. Epithelioid hemangioendothelioma associated with reflex sympathetic dystrophy. J Am Acad Dermatol 1992;26(2 Pt 2):325-8.	P
O'Donnell B, James W. Rapp-Hodgkin ectodermal dysplasia. J Am Acad Dermatol 1992;27(2 Pt 2):323-6.	P
O'Donnell B, Sperling L, James W. Loose anagen hair syndrome. Int J Dermatol 1992;31(2):107-9.	P
Saad R, Domloge-Hultsch N, Yancey K, Benson P, James W. Childhood localized vulvar pemphigoid is a true variant of bullous pemphigoid. Arch Dermatol 1992;128(6):807-10.	P
Sau P, Solivan G, Johnson F. Cutaneous reaction from a broken thermometer. J Am Acad Dermatol 1991;25(5 Pt 2):915-9.	P
Sperling L. Hair anatomy for the clinician. J Am Acad Dermatol 1991;25(1 Pt 1):1-17.	P
Sperling L. Inflammatory tinea capitis (kerion) mimicking dissecting cellulitis. Occurrence in two adolescents. Int J Dermatol 1991;30(3):190-2.	P
Sperling L. Mohs surgery and the reconstructive surgeon: the interdisciplinary approach for treating difficult cutaneous malignancies of the head and neck. Ear Nose Throat J 1992;71(4):189-90, 193-5.	P
Sperling L, Sau P. The follicular degeneration syndrome in black patients. "Hot comb alopecia" revisited and revised. Arch Dermatol 1992;128(1):68-74.	P

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A D D E N D U M
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NOT RELATED TO APPROVED CLINICAL INVESTIGATION PROTOCOLS

<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF MEDICINE Dermatology Service (continued)	
Vaughan T, Sperling L. Diagnosis and surgical treatment of congenital cartilaginous rests of the neck. Arch Dermatol 1991;127(9):1309-10.	P
Wakefield P, James W, Samlaska C, Meltzer M. Tumor necrosis factor. J Am Acad Dermatol 1991;24(5 Pt 1):675-85.	P
DEPARTMENT OF MEDICINE Endocrine-Metabolic Service	
Burch H, Clement S, Sokol M, Landry F. Reactive hypoglycemic coma due to insulin autoimmune syndrome: case report and literature review. Am J Med 1992;92(6):681-5.	P
Burman K. Non-nuclide radioimmunoassays. In: Dulbecco R, ed. Encyclopedia of human biology. Harcourt, Brace, and Jovanovich and Academic Press, 1991;4:351-6.	P
Wartofsky L. Use of sensitive TSH assay to determine optimal thyroid hormone therapy and avoid osteoporosis. Annu Rev Med 1991;42:341-5.	P
DEPARTMENT OF MEDICINE Gastroenterology Service	
Kikendall J. Caustic ingestion injuries. Gastroenterol Clin North Am 1991;20(4):847-57.	P
Kikendall J. Pill-induced esophageal injury. Gastroenterol Clin North Am 1991;20(4):835-46.	P
Moses F. Squamous cell carcinoma of the esophagus. Natural history, incidence, etiology, and complications. Gastroenterol Clin North Am 1991;20(4):703-16.	P
Phillips R, Wong R. Barrett's esophagus. Natural history, incidence, etiology, and complications. Gastroenterol Clin North Am 1991;20(4):791-816.	P

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NOT RELATED TO APPROVED CLINICAL INVESTIGATION PROTOCOLS

<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF MEDICINE Gastroenterology Service (continued)	
Shay S. Benign structural lesions of the esophagus. Gastroenterol Clin North Am 1991;20(4):673-90.	P
Truesdale R Jr, Wong R. Complications of esophageal variceal sclerotherapy. Gastroenterol Clin North Am 1991;20(4):859-70.	P
DEPARTMENT OF MEDICINE Hematology-Oncology Service	
Baker W, Hargis J, Danesi R, La Rocca R. The effect of rhGM-CSF on the proliferation of osteogenic sarcoma cells. Am J Hematol 1991;37(2):84-7.	P
Diehl L. Radiation and chemotherapy in the treatment of esophageal cancer. Gastroenterol Clin North Am 1991;20(4):765-74.	P
Hargis J, Anderson J, Propert K, Green M, Van Echo D, Weiss R. Predicting genitourinary toxicity in patients receiving cisplatin-based combination chemotherapy: a Cancer and Leukemia Group B study. Cancer Chemother Pharmacol 1992;30(4):291-6.	P
Redmond J III, Perry J, Sowray P, Vukelja S, Dawson N. Chemotherapy of disseminated Merkel-cell carcinoma. Am J Clin Oncol 1991;14(4):305-7.	P
Ward F, Anderson J, Jelinek J, Anderson D. Localization of metastatic adrenal cortical carcinoma with Ga-67. Clin Nucl Med 1991;16(2):117-9.	P
DEPARTMENT OF MEDICINE Infectious Disease Service	
Artenstein A, Hicks C, Goodwin B Jr, Hilliard J. Human infection with B virus following a needlestick injury. Rev Infect Dis 1991;13(2):288-91.	P

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CITATION

TYPE*

DEPARTMENT OF MEDICINE

Infectious Disease Service (continued)

- | | |
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| Branton M, Johnson S, Brooke J, Hasbargen J. Peritonitis due to Rhizopus in a patient undergoing continuous ambulatory peritoneal dialysis. Rev Infect Dis 1991;13(1):19-21. | P |
| Gasser R Jr, Magill A, Oster C, Tramont E. The threat of infectious disease in Americans returning from Operation Desert Storm. N Engl J Med 1991;324(12):859-64. | P |
| Johnson S, Chung R, Deal C, Boslego J, Sadoff J, Wood S, Brinton C Jr, Tramont E. Human immunization with Pgh 3-2 gonococcal pilus results in cross-reactive antibody to the cyanogen bromide fragment-2 of pilin. J Infect Dis 1991;163(1):128-34. | P |
| McGill A, Grogl M, Gasser R Jr, Sun W, Oster C. Viscerotropic leishmaniasis in persons returning from Operation Desert Storm--1990-1991. Morb Mortal Wkly Rep 1992;41(8):131-4. | P |

DEPARTMENT OF MEDICINE

Internal Medicine Service

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| Ockenhouse C, Betageri R, Springer T, Staunton D. Plasmodium falciparum-infected erythrocytes bind ICAM-1 at a site distinct from LFA-1, Mac-1, and human rhinovirus. Cell 1992;68(1):63-9. | P |
| Ockenhouse C, Ho M, Tandon N, Van Seventer G, Shaw S, White N, Jamieson G, Chulay J, Webster H. Molecular basis of sequestration in severe and uncomplicated Plasmodium falciparum malaria: differential adhesion of infected erythrocytes to CD36 and ICAM-1. J Infect Dis 1991;164(1):163-9. | P |
| Ockenhouse C, Klotz F, Tandon N, Jamieson G. Sequestrin, a CD36 recognition protein on Plasmodium falciparum malaria-infected erythrocytes identified by anti-idiotypic antibodies. Proc Natl Acad Sci USA 1991;88(8):3175-9. | P |

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DEPARTMENT OF MEDICINE
Nephrology Service

Carome M, Moore J. Nephrotic syndrome in adults. A
diagnostic and management challenge. Postgrad Med
1992;92(2):209-15. P

DEPARTMENT OF MEDICINE
Pulmonary Disease Service

Fitzpatrick T, Covelli H, Tenholder M. The acute and insidious
onset of pulmonary metastatic transitional cell carcinoma.
Chest 1991;99(2):498-500. P

Hnatiuk O, Dillard T, Schaefer P, McManigle J. Bilateral hilar
enlargement and dyspnea in a young black man. Chest
1992;101(4):1128-30. P

Poropatich R, Phillips Y. Listerial brain abscess in long-
standing sarcoidosis. South Med J 1992;85(5):554-6. P

Roach J, Ripple G, Dillard T. Inadvertent loss of bronchoscopy
instruments in the tracheobronchial tree. Chest
1992;101(2):568-9. P

DEPARTMENT OF MEDICINE
Rheumatology Service

Strickland R, Vukelja S, Wohlgethan J, Canoso J. Hemorrhagic
subcutaneous bursitis. J Rheumatol 1991;18(1):112-4. P

Cohen L, Meer J, Tarkka I, Bierner S, Lederman D, Dubinsky R,
Sanes J, Jabbari B, Branscum D, Hallett M. Congenital
mirror movements - abnormal organization of motor pathways
in two patients. Brain 1991;114:381-403. P

NEUROLOGY SERVICE

Crutchfield K, Jabbari B. Unilateral face and temple pain
resulting from coronary artery disease. Pain in angina
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NOT RELATED TO APPROVED CLINICAL INVESTIGATION PROTOCOLS

<u>CITATION</u>	<u>TYPE*</u>
NEUROLOGY SERVICE (continued)	
Duncan M, Jabbari B, Rosenberg M. Gaze-evoked visual seizures in nonketotic hyperglycemia. <i>Epilepsia</i> 1991;32(2):221-4.	P
Gunderson C. Administrative management of the soldier with seizures. <i>Mil Med</i> 1991;156(7):328-30.	P
Gunderson C, Lehmann C, Sidell F, Jabbari B. Nerve agents: a review. <i>Neurology</i> 1992;42(5):946-50.	P
Gunderson C, Wortzel C. Impact of the new fitness regulation for epilepsy. <i>Mil Med</i> 1991;156(6):315-7.	P
Jabbari B, John P. Paroxysmal kinesigenic dystonia and migraine. <i>Ann Neurol</i> 1991;30:297.	Ab
Jabbari B, Paul J, Scherokman K, van Dam B. Post-traumatic segmental axial dystonia. <i>Movement Dis</i> 1992;7:78-81.	P
Northam R, Singer H. Postencephalitic acquired Tourette-like syndrome in a child. <i>Neurology</i> 1991;41(4):592-3.	P
Penny S, Rosenberg M, Jabbari B. Brain electrical activity mapping of pattern shift visual evoked potentials in evaluation of retrochiasmatic visual field defects. <i>Neurology</i> 1991;41(suppl):205.	Ab
Rosenberg M, Jabbari B. Miosis and internal ophthalmoplegia as a manifestation of partial seizures. <i>Neurology</i> 1991;41(5):737-9.	P
Scherokman B, Jabbari B, Ling G. Painful legs, moving toes. Favorable response to Lioresal and association with HIV infection. <i>Neurology</i> 1991;41(suppl):225.	Ab
Sinoff S, Rosenberg M, Jabbari B, Labutta R. The swinging VEP test for relative visual field defects. <i>Neurology</i> 1991;41(suppl):203.	Ab

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<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY	
Barnhill D, O'Connor D. Management of ovarian neoplasms of low malignant potential. Oncology 1991;5(4):21-6.	P
Blauer K, Poth M, Rogers W, Bernton E. Dehydroepiandrosterone antagonizes the suppressive effects of dexamethasone on lymphocyte proliferation. Endocrinology 1991;129(6):3174-9.	P
Chapman C, Bosscher J, Remmenga S, Park R, Barnhill D. A technique for managing terminally ill ovarian carcinoma patients. Gynecol Oncol 1991;41(1):88-91.	P
Mitchell D, Mitchell D, Davidson M, Vernalis M, Edwards F, Park R, Barnhill D. Nongenital pelvic leiomyosarcoma metastatic to the heart. Gynecol Oncol 1991;43(1):84-7.	P
Parker M, Barnhill D, Teneriello M, O'Connor D, Park R. Intestinal invasion by a dysgerminoma in a patient with Swyer syndrome. Obstet Gynecol 1992;80(3 Pt 2):567-9.	P
Shaves M, Barnhill D, Bosscher J, Remmenga S, Hahn M, Park R. Indwelling epidural catheters for pain control in gynecologic cancer patients. Obstet Gynecol 1991;77(4):642-4.	P
DEPARTMENT OF PATHOLOGY AND AREA LABORATORIES	
Andriko J, Robinowitz M, Moore J, Virmani R. Necrotizing arteritis in uncorrected tetralogy of Fallot with pulmonary artery. Pediatr Cardiol 1992;13(4):233-6.	P
Fistel S, Rueda-Pedraza E, Ishak K, Goodman Z. A 29-year-old man with the acquired immunodeficiency syndrome and liver dysfunction. Semin Liver Dis 1992;12(2):219-25.	P
Lowry M, Mellen P. Low-voltage electrothermal neck injury. Injury 1992;23(3):205-6.	P
Mellen P, Weedn V, Kao G. Electrocution: a review of 155 cases with emphasis on human factors. J Forensic Sci 1992;37(4):1016-22.	P

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<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF PEDIATRICS	
Bilello J, O'Hair K, Kirby W, Moore J. Intraosseous infusion of dobutamine and isoproterenol. Am J Dis Child 1991;145(2):165-7.	P
Blaney S, Balis F, Grem J, Cole D, Adamson P, Poplack D. Modulation of the cytotoxic effect of cyclopentenylcytosine by its primary metabolite, cyclopentenyluridine. Cancer Res 1992;52(12):3503-5.	P
Blaney S, Balis F, Poplack D. Current pharmacological treatment approaches to central nervous system leukaemia. Drugs 1991;41(5):702-16.	P
Blaney S, Balis F, Poplack D. Pharmacologic approaches to the treatment of meningeal malignancy. Oncology 1991;5(5):107-16.	P
Filling-Katz M, Levin S, Patronas N, Katz N. Terminal transverse limb defects associated with familial cavernous angiomas. Am J Med Genet 1992;42(3):346-51.	P
Francis G, Jelinek J, McHale K, Adamson M, Levin S. The Weismann-Netter syndrome: a cause of bowed legs in childhood. Pediatrics 1991;88(2):334-7.	P
Hartman K, Triche T, Kinsella T, Miser J. Prognostic value of histopathology in Ewing's sarcoma. Long-term follow-up of distal extremity primary tumors. Cancer 1991;67(1):163-71.	P
Perry J, Jelinek J. Isolated central nervous system relapse of testicular cancer. Med Pediatr Oncol 1992;20(1):68-70.	P
Sullivan C, Francis G, Bain M, Hartz J. Munchausen syndrome by proxy: 1990. A portent for problems? Clin Pediatr 1991;30(2):112-6.	P
Swanson S III, Skoog S, Garcia V, Wahl R. Pseudoadrenal mass: unusual presentation of bronchogenic cyst. J Pediatr Surg 1991;26(12):1401-3.	P

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DEPARTMENT OF PEDIATRICS (continued)	
Wiswell T. John K. Lattimer Lecture. Prepuce presence portends prevalence of potentially perilous periurethral pathogens. J Urol 1992;148(2 Pt 2):739-42.	P
PHARMACY SERVICE	
Buchanan T, Barker K, Gibson J, Jiang B, Pearson R. Illumination and errors in dispensing. Am J Hosp Pharm 1991; 48(10):2137-45.	P
Grabenstein J, Hartzema A, Guess H, Johnston W, Rittenhouse B. Community pharmacists as immunization advocates. Cost-effectiveness of a cue to influenza vaccination. Med Care 1992;30(6):503-13.	P
PHYSICAL MEDICINE AND REHABILITATION SERVICE	
Dillingham T, Lehmann J, Price R. Effect of lower limb on body propulson. Arch Phys Med Rehab 1992;73(7):647-51.	P
Dillingham T. The biomechanics of normal gait as derived from a link-segment model. Phys Med Rehab Clin North Amer 1992;3(1):111-23.	P
Marin P, Spellman N, Kenyon M, Belandres P. Isokinetic exercise system modification for short below the knee residual limbs. Arch Phys Med Rehab 1992;73:883-5.	P
Zeigler D, Lynch S, Muir J, Benjamin J, Max M. Transdermal clonidine vs. placebo in painful diabetic neuropathy. Pain 1992;48:403-8.	P
DEPARTMENT OF PSYCHIATRY	
Chatham-Showalter P. Medical disorders among young acutely ill psychiatric patients in a military hospital. Hosp Community Psychiatry 1992;43(5):511-4.	P
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DEPARTMENT OF PSYCHIATRY (continued)	
Hall D Jr, Sing H, Romanoski A. Identification and characterization of greater mood variance in depression. Am J Psychiatry 1991;148(10):1341-5.	P
Lande R. The military insanity defense. Bull Am Acad Psychiatry Law 1991;19(2):193-201.	P
Prier R, McNeil J, Burge J. HIV infection: military occupational sequelae. Mil Med 1991;156(3):108-13.	P
Ritchie E. Response to "letter to the editor" about "treatment of gas mask phobia." Mil Med 1992;157(8):A10.	Ab
Ritchie E. Treatment of gas mask phobia. Mil Med 1992;157(2):104-6.	P
Ritchie E, White R. Cognitive therapy training in U.S. psychiatry residency programs. Academic Psychiatry 1992;16(2):90.	P
DEPARTMENT OF RADIOLOGY	
Benedikt R, Brown D, Roth M, Geyer C, Ghaed V. Spontaneous drainage of an ethmoidal mucocele: a possible cause of pneumosinus dilatans. Am J Neuroradiol 1991;12(4):729-31.	P
Benedikt R, Jelinek J, Schaefer P, Edwards F, Ghaed V. Right-side aortic arch with aneurysm of aberrant left subclavian artery: MR imaging appearance. J Magn Reson Imaging 1991;1(4):485-6.	P
Benedikt R, Kransdorf M, Jelinek J, Moser R Jr. Case report 722. Osteosarcomatosis in a skeletally immature girl. Skeletal Radiol 1992;21(3):187-9.	P
Ho V, Kransdorf M, Jelinek J, Kim C. Dorsal defect of the patella: MR features. J Comput Assist Tomogr 1991;15(3):474-6.	P

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DEPARTMENT OF RADIOLOGY (continued)

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| Kransdorf M, McFarland D, Moser R Jr, Venbrux A. Case report 649. Arteriovenous malformation (arteriovenous hemangioma) of the distal thigh with bone involvement. Skeletal Radiol 1991;20(1):63-5. | P |
| Kutcher T, Brown D, Maurer P, Ghaed V. Dural tail adjacent to acoustic neuroma: MR features. J Comput Assist Tomogr 1991;15(4):669-70. | P |
| Meglin A, Biedlingmaier J, Mirvis S. Three-dimensional computerized tomography in the evaluation of laryngeal injury. Laryngoscope 1991;101(2):202-7. | P |
| Meyer C, Colon E, Provost T, Sherman J. Delineation of surgical segmental liver anatomy: value of PRISE, an MR fast-scanning technique. Am J Roentgenol 1992;158(2):299-301. | P |
| Meyer C, Kransdorf M, Jelinek J, Moser R Jr. MR and CT appearance of nodular fasciitis. J Comput Assist Tomogr 1991;15(2):276-9. | P |
| Meyer C, Kransdorf M, Moser R Jr, Jelinek J. Case report 716. Soft-tissue metastasis in synovial sarcoma. Skeletal Radiol 1992;21(2):128-31. | P |
| Meyer C, Mirvis S, Wolf A, Thompson R, Gutierrez M. Acute traumatic midbrain hemorrhage: experimental and clinical observations with CT. Radiology 1991;179(3):813-8. | P |
| Peller P, Anderson J. Transient diaphyseal tibial Tc-99m MDP uptake and bone marrow edema in acute rheumatic fever. Clin Nucl Med 1992;17(8):634-7. | P |
| Shonnard K, Jelinek J, Benedikt R, Kransdorf M. CT and MR of neurofibromatosis of the bladder. J Comput Assist Tomogr 1992;16(3):433-8. | P |
| Whitaker M, Jelinek J, Kransdorf M, Moser R Jr. Case report 653. Arthritis of the wrist due to Mycobacterium avium-intracellulare. Skeletal Radiol 1991;20(4):291-3. | P |

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<u>CITATION</u>	<u>TYPE*</u>
DEPARTMENT OF SURGERY Anesthesia-Operative Service	
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